

```
CREATE TABLE test_tbl (  
    u_name varchar NOT NULL,  
    u_color varchar NULL  
);
```

```
INSERT INTO test_tbl (u_name, u_color) values ('Ivanov', 'RED');  
INSERT INTO test_tbl (u_name, u_color) values ('Petrov', 'YELLOW');  
INSERT INTO test_tbl (u_name, u_color) values ('Ivanov', 'RED');  
INSERT INTO test_tbl (u_name, u_color) values ('Petrov', 'YELLOW');  
INSERT INTO test_tbl (u_name, u_color) values ('Ivanov', 'GREEN');  
INSERT INTO test_tbl (u_name, u_color) values ('Petrov', 'PERFECT');  
INSERT INTO test_tbl (u_name, u_color) values ('Petrov', 'RED');  
INSERT INTO test_tbl (u_name, u_color) values ('Sidorov', 'GREEN');  
INSERT INTO test_tbl (u_name, u_color) values ('Sidorov', 'GREEN');  
INSERT INTO test_tbl (u_name, u_color) values ('Sidorov', 'YELLOW');  
INSERT INTO test_tbl (u_name, u_color) values ('Ivanov', 'RED');  
INSERT INTO test_tbl (u_name, u_color) values ('Sidorov', 'PERFECT');  
INSERT INTO test_tbl (u_name, u_color) values ('Sidorov', 'PERFECT');  
INSERT INTO test_tbl (u_name, u_color) values ('Petrov', 'YELLOW');  
INSERT INTO test_tbl (u_name, u_color) values ('Ivanov', 'GREEN');  
INSERT INTO test_tbl (u_name, u_color) values ('Sidorov', 'RED');  
INSERT INTO test_tbl (u_name, u_color) values ('Petrov', 'RED');  
INSERT INTO test_tbl (u_name, u_color) values ('Petrov', 'GREEN');  
INSERT INTO test_tbl (u_name, u_color) values ('Ivanov', 'YELLOW');  
INSERT INTO test_tbl (u_name, u_color) values ('Sidorov', 'RED');
```

Name/Color	RED	YELLOW	GREEN	PURPLE
Ivanov	3	1	2	0
Petrov	2	3	1	1
Sidorov	2	1	2	2

Posted by [BlackEric](#) on Fri, 11 Nov 2022 10:13:46 GMT

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```
Select u_name, GREEN, RED, YELLOW, PERFECT
From test_tbl
PIVOT (count(u_color) for u_color in (GREEN, RED, YELLOW, PERFECT)
      ) AS test_pivot
```

Posted by [Newbee](#) on Fri, 11 Nov 2022 11:03:10 GMT

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Posted by [BlackEric](#) on Fri, 11 Nov 2022 12:50:34 GMT

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```
SELECT u_name,
       count(u_color) FILTER (WHERE u_color= "GREEN") AS "GREEN",
       count(u_color) FILTER (WHERE u_color= "RED") AS "RED",
       count(u_color) FILTER (WHERE u_color= "YELLOW") AS "YELLOW",
       count(u_color) FILTER (WHERE u_color= "PERFECT") AS "PERFECT"
FROM test_tbl
GROUP BY u_name;
```

Posted by [fraks](#) on Sun, 13 Nov 2022 10:50:36 GMT

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<http://sql2.ru/viewtopic.php?t=79&sid=28f6ea99c39e8c3b74230a6d7ec6d19d>

```
select
  u_name,
  --
  sum ( case when u_color = 'RED' then 1 else 0 end ) as RED,
```

```

sum ( case when u_color = 'YELLOW' then 1 else 0 end ) as YELLOW,
sum ( case when u_color = 'GREEN' then 1 else 0 end ) as GREEN,
sum ( case when u_color = 'PERFECT' then 1 else 0 end ) as PERFECT,
sum ( case when u_color = 'PURPLE' then 1 else 0 end ) as PURPLE

```

```

from
  test_tbl

```

```

group by
  u_name
;

```

```

+=====+=====+=====+=====+=====+=====+
| u_name | red | yellow | green | perfect | purple |
+=====+=====+=====+=====+=====+=====+
| Petrov | 2 | 3 | 1 | 1 | 0 |
| Sidorov | 2 | 1 | 2 | 2 | 0 |
| Ivanov | 3 | 1 | 2 | 0 | 0 |
+-----+-----+-----+-----+-----+

```

Posted by [Newbee](#) on Mon, 14 Nov 2022 07:05:32 GMT
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Posted by [Aleksey291179](#) on Fri, 10 Feb 2023 13:53:51 GMT
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```

test=# SELECT * FROM pgstattuple('tabletest');
table_len | tuple_count | tuple_len | tuple_percent | dead_tuple_count | dead_tuple_len |
dead_tuple_percent | free_space | free_percent
\-----+-----+-----+-----+-----+-----+

```

```

-----+-----
0 |      0 |      0 |      0 |      0 |      0 |
0 |      0
(1 row)

```

FROM information_schema.tables

```

'tabletest'
'pg_statistic'
'pg_type'
'pg_foreign_table'

```

```

test=# do $$
test$# declare
test$# f varchar;
test$# begin
test$# for f in
test$#
test$# SELECT ('' || table_name || '') AS table_name
test$#     FROM information_schema.tables
test$# loop
test$# SELECT * FROM pgstattuple(f);
test$# end loop;
test$# end; $$;
ERROR: relation "tabletest" does not exist
CONTEXT: SQL statement "SELECT * FROM pgstattuple(f)"
PL/pgSQL function inline_code_block line 10 at SQL statement

```

```

test=# do $$
test$# declare
test$# f varchar;
test$# begin
test$# for f in
test$#
test$# SELECT ('' || table_name || '') AS table_name
test$#     FROM information_schema.tables
test$# loop
test$# raise notice '%', f;
test$# end loop;
test$# end; $$;
NOTICE: 'tabletest'

```

NOTICE: 'pg_statistic'
NOTICE: 'pg_type'
NOTICE: 'pg_foreign_table'
