

Converting Colors

CIELCh(45, 5.401, 242.065)

Have a look what the booklet for
CIELCh(45, 5.401, 242.065) contains.

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Color

CIELCh(45, 5.239, 242.345)

Conversions

Conversions Part 1

Format	Color
Hex	626C72
RGB	98, 108, 114
RGB Percent	38%, 42%, 45%
CMY	0.6156, 0.5764, 0.5529
CMYK	0.14, 0.05, 0.00, 0.55
HSL	202°, 8%, 42%
HSV	202°, 14%, 45%
XYZ	13.4415, 14.5417, 18.0231
YIQ	105.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

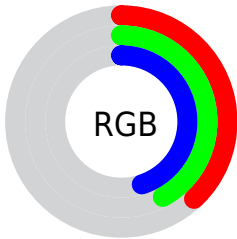
Format	Color
R _Y B	98, 104, 114
Decimal	6450290
CIE Lab	45.00, -2.43, -4.64
CIE LCh	45, 5.239, 242.345
Yxy	14.5417, 0.2922, 0.3161
Android (android.graphics.Color)	4284640370 (0xFF626C72)
YUV	105.6940, 4.0949, -6.7476
Hunter-Lab	38.1336, -3.8152, -1.3288

Details

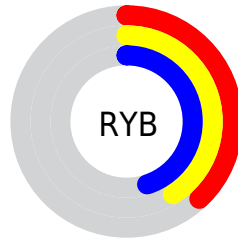
The CIELCh color $45, 5.239, 242.345$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 5.563, 59.539$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 5.305, 246.540$, and $25, 5.267, 237.746$ is the 20% darker color. If you saturate the color by 10%, you get $43, 8.821, 243.600$, and if you desaturate by 10%, it is $47, 1.529, 241.409$.

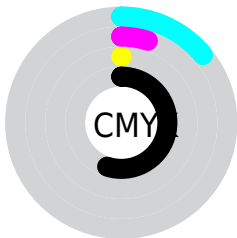
Distribution



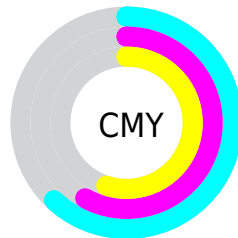
- Red (38%)
- Green (42%)
- Blue (45%)



- Red (38%)
- Yellow (41%)
- Blue (45%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (55%)



- Cyan (62%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 5.239, 242.345 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 45, 5.239, 242.345 by changing the saturation by 10% instead.

■ 45, 5.239, 242.345

■ 45, 5.239, 242.345

■ 100, 5.239,
242.345

■ 35, 5.239, 242.345

■ 65, 5.239, 242.345

■ 25, 5.239, 242.345

■ 75, 5.239, 242.345

■ 15, 5.239, 242.345

■ 85, 5.239, 242.345

■ 5, 5.239, 242.345

■ 95, 5.239, 242.345

■ 0, 5.239, 242.345

■ 45, 5.239, 242.345

■ 45, 5.239, 242.345

■ 43, 8.821, 243.600

■ 47, 1.529, 241.409

■ 41, 12.247,
245.161

■ 49, 2.280, 60.193

■ 39, 15.487,
247.067

■ 52, 6.164, 59.543

■ 37, 18.516,
249.384

■ 54, 10.101, 58.948

■ 56, 14.073, 58.438

■ 35, 21.321,
252.183

■ 58, 18.067, 58.002

■ 33, 23.908,
255.520

■ 61, 22.070, 57.628

■ 63, 26.072, 57.306

■ 31, 26.308,
259.423

■ 65, 30.066, 57.025

■ 30, 28.598,
263.816

■ 29, 30.016,
266.312

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45, 5.239, 242.345



45, 5.563, 59.539

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45, 5.239, 242.345



45, 5.239, 292.345



45, 5.239, 62.345



45, 5.239, 112.345

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45, 5.239, 242.332



60, 1.877, 241.412



46, 8.910, 156.123



31, 1.324, 241.447



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45, 5.239, 242.332



57, 7.812, 242.733



43, 8.384, 285.700



22, 2.088, 241.801



30, 31.220, 266.615



62, 55.508, 269.743

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43, 8.937, 338.449



54, 13.433, 338.712



47, 8.209, 102.689



22, 3.520, 338.065



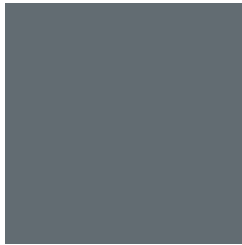
25, 50.959, 349.633



54, 86.126, 351.340

Previews

White Background



This preview shows how the CIELCh color 45, 5.239, 242.345 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 45, 5.239, 242.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

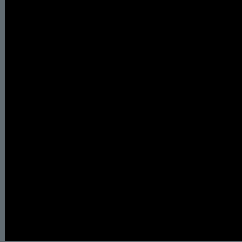
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

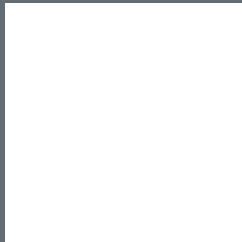
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 5.239, 242.345

Background



This preview shows how black text looks on a background with the CIELCh color 45, 5.239, 242.345.



This preview shows how white text looks on a background with the CIELCh color 45, 5.239, 242.345.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45, 5.239, 242.345

Protanopia

45, 4.181, 290.774

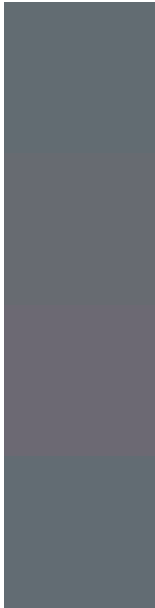
Deuteranopia

45, 8.261, 320.230



Tritanopia
45, 6.075, 251.105

Trichromacy



Original Color
45, 5.239, 242.345

Protanomaly
45, 3.889, 266.578

Deuteranomaly
45, 6.112, 302.283

Tritanomaly
45, 5.641, 247.043

Monochromacy



Original Color
45, 5.239, 242.345

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 1.991, 236.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 5.239, 242.345 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(98, 108, 114)` looks like.

```
.text, #text, p{  
    color:rgb(98, 108, 114)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(98, 108, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 108, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 5.239, 242.345 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 108, 114) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(98, 108, 114) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(98, 108, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 108, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 108, 114);  
box-shadow:4px 4px 4px 4px rgb(98, 108,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 5.239, 242.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 108, 114) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(98, 108,  
114) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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