

Converting Colors

CIELCh(45, 5.229, 220.315)

Have a look what the booklet for
CIELCh(45, 5.229, 220.315) contains.

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Color

CIELCh(45, 5.367, 218.445)

Conversions

Conversions Part 1

Format	Color
Hex	606D70
RGB	96, 109, 112
RGB Percent	38%, 43%, 44%
CMY	0.6242, 0.5732, 0.5615
CMYK	0.14, 0.03, 0.00, 0.56
HSL	191°, 8%, 41%
HSV	191°, 14%, 44%
XYZ	13.1691, 14.5417, 17.3889
YIQ	105.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

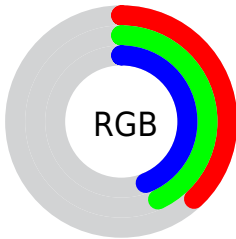
Format	Color
R_{YB}	96, 103, 112
Decimal	6319472
CIE Lab	45.00, -4.20, -3.34
CIE LCh	45, 5.367, 218.445
Yxy	14.5417, 0.2920, 0.3224
Android (android.graphics.Color)	4284509552 (0xFF606D70)
YUV	105.4550, 3.2267, -8.2920
Hunter-Lab	38.1336, -5.0903, -0.3427

Details

The CIELCh color **45, 5.367, 218.445** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 5.856, 37.817**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 5.253, 224.198**, and **25, 5.230, 213.257** is the 20% darker color. If you saturate the color by 10%, you get **44, 8.861, 218.810**, and if you desaturate by 10%, it is **47, 1.655, 218.317**.

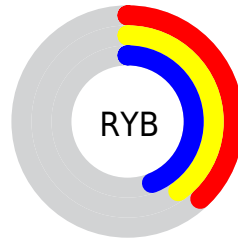
Distribution



Red (38%)

Green (43%)

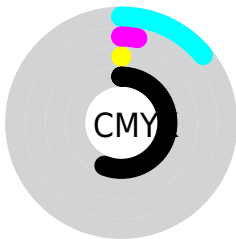
Blue (44%)



Red (38%)

Yellow (40%)

Blue (44%)

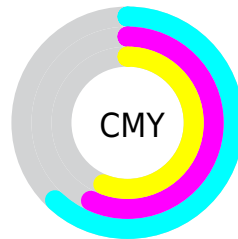


Cyan (14%)

Magenta (3%)

Yellow (0%)

Black (56%)



Cyan (62%)

Magenta (57%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 5.367, 218.445 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, 5.367, 218.445 by changing the saturation by 10% instead.

■ 45, 5.367, 218.445

■ 45, 5.367, 218.445

■ 100, 5.367,
218.445

■ 35, 5.367, 218.445

■ 65, 5.367, 218.445

■ 25, 5.367, 218.445

■ 75, 5.367, 218.445

■ 15, 5.367, 218.445

■ 85, 5.367, 218.445

■ 5, 5.367, 218.445

■ 95, 5.367, 218.445

■ 0, 5.367, 218.445

■ 45, 5.367, 218.445

■ 45, 5.367, 218.445

■ 44, 8.861, 218.810

■ 47, 1.655, 218.317

■ 42, 12.086,
219.378

■ 48, 2.230, 37.785

41, 14.987,
220.169

50, 6.247, 37.817

40, 17.514,
221.232

51, 10.363, 37.835

39, 19.622,
222.627

53, 14.548, 37.891

38, 21.283,
224.420

57, 23.042, 38.098

37, 22.494,
226.681

58, 27.317, 38.234

36, 23.310,
229.429

60, 31.594, 38.385

35, 23.749,
231.006

Harmonies

Complementary

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



45, 5.367, 218.445



43, 5.856, 37.817

Rectangle

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



45, 5.367, 218.445



45, 5.367, 268.445



45, 5.367, 38.445



45, 5.367, 88.445

Sweetspot

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



45, 5.367, 218.433



60, 1.908, 218.323



46, 10.237, 149.073



31, 1.364, 218.306



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, 5.367, 218.433



57, 7.842, 218.532



43, 6.836, 274.266



23, 2.144, 218.315



38, 24.962, 231.301



75, 42.764, 233.556

Inverse Universe

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



43, 10.239, 330.911



54, 15.109, 331.104



45, 6.833, 90.736



22, 4.024, 330.584



26, 57.456, 336.992



56, 97.370, 337.601

Previews

White Background



This preview shows how the CIELCh color 45, 5.367, 218.445 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 CIE LCh color 45, 5.367, 218.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

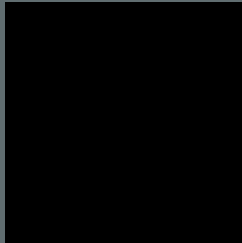
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

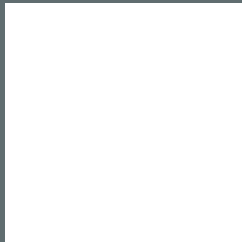
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 5.367, 218.445

Background



This preview shows how black text looks on a background with the CIELCh color 45, 5.367, 218.445.



This preview shows how white text looks on a background with the CIELCh color 45, 5.367, 218.445.

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

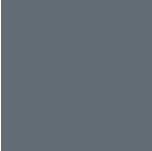
45, 5.367, 218.445

Protanopia

45, 2.431, 300.115

Deuteranopia

45, 7.489, 327.498



Tritanopia
45, 6.754, 251.985

Trichromacy



Original Color
45, 5.367, 218.445

Protanomaly
45, 2.851, 256.369

Deuteranomaly
45, 4.862, 300.333

Tritanomaly
45, 5.902, 244.295

Monochromacy



Original Color
45, 5.367, 218.445

Achromatopsia
44, 0.006, 296.813

Achromatomaly
45, 1.719, 219.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 5.367, 218.445 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(96, 109, 112)` looks like.

```
.text, #text, p{  
    color:rgb(96, 109, 112)  
}
```

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(96, 109, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 109, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 5.367, 218.445 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(96, 109, 112) }
```

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

```
.border{ border-color:rgb(96, 109, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 109, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 109, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 109, 112);  
box-shadow:4px 4px 4px 4px rgb(96, 109,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 5.367, 218.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 109, 112) }
```

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

```
.background{ background-color: rgb(96, 109,  
112) }
```

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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