

Converting Colors

CIELCh(45, 8.282, 308.403)

Have a look what the booklet for
CIELCh(45, 8.282, 308.403) contains.

CIELCh(45, 8.162, 308.201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(45, 8.162, 308.201)

Conversions

Conversions Part 1

Format	Color
Hex	6E6875
RGB	110, 104, 117
RGB Percent	43%, 41%, 46%
CMY	0.5681, 0.5916, 0.5406
CMYK	0.06, 0.11, 0.00, 0.54
HSL	268°, 6%, 43%
HSV	268°, 11%, 46%
XYZ	14.6328, 14.5417, 18.9106
YIQ	107.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

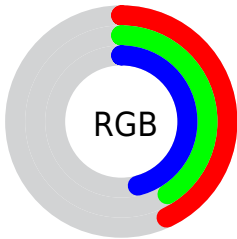
Format	Color
R_{YB}	110, 104, 117
Decimal	7235701
CIE _{Lab}	45.00, 5.05, -6.41
CIE _{LCh}	45, 8.162, 308.201
Yxy	14.5417, 0.3043, 0.3024
Android (android.graphics.Color)	4285425781 (0xFF6E6875)
YUV	107.2760, 4.7939, 2.3889
Hunter-Lab	38.1336, 1.7613, -2.7086

Details

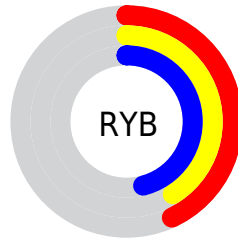
The CIELCh color **45, 8.162, 308.201** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 8.030, 127.237**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 8.255, 309.418**, and **25, 8.249, 306.887** is the 20% darker color. If you saturate the color by 10%, you get **41, 15.731, 308.695**, and if you desaturate by 10%, it is **49, 0.801, 307.670**.

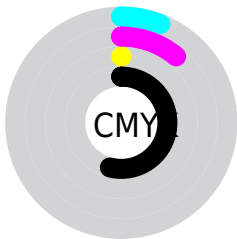
Distribution



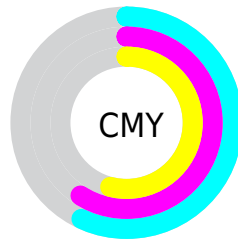
- Red (43%)
- Green (41%)
- Blue (46%)



- Red (43%)
- Yellow (41%)
- Blue (46%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (54%)



- Cyan (57%)
- Magenta (59%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 8.162, 308.201 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, 8.162, 308.201 by changing the saturation by 10% instead.

■ 45, 8.162, 308.201

■ 45, 8.162, 308.201

■ 100, 8.162,
308.201

■ 35, 8.162, 308.201

■ 65, 8.162, 308.201

■ 25, 8.162, 308.201

■ 75, 8.162, 308.201

■ 15, 8.162, 308.201

■ 85, 8.162, 308.201

■ 5, 8.162, 308.201

■ 95, 8.162, 308.201

■ 0, 8.162, 308.201

■ 45, 8.162, 308.201

■ 45, 8.162, 308.201

■ 41, 15.731,
308.695

■ 49, 0.801, 307.670

■ 37, 23.488,

■ 53, 6.339, 127.367

309.228

57, 13.262,
127.003

34, 31.382,
309.787

60, 19.973,
126.684

30, 39.315,
310.350

64, 26.481,
126.405

26, 47.119,
310.880

68, 32.797,
126.162

23, 54.516,
311.318

72, 38.930,
125.951

20, 61.101,
311.579

76, 44.891,
125.769

18, 66.355,
311.557

79, 50.690,
125.612

16, 70.506,
311.508

Harmonies

Complementary

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



45, 8.162, 308.201



48, 8.030, 127.237

Rectangle

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



45, 8.162, 308.201



45, 8.162, 358.201



45, 8.162, 128.201



45, 8.162, 178.201

Sweetspot

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



45, 8.161, 308.199



62, 2.718, 307.812



47, 4.415, 251.188



31, 2.049, 307.849



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



45, 8.161, 308.199



57, 11.933, 308.307



46, 9.239, 323.625



23, 4.131, 308.100



17, 72.793, 311.456



39, 124.171, 310.849

Inverse Universe

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



45, 6.790, 342.449



58, 9.919, 342.638



48, 9.217, 142.531



23, 3.439, 342.276



25, 49.884, 356.925



54, 83.974, 359.192

Previews

White Background



This preview shows how the CIELCh color 45, 8.162, 308.201 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, 8.162, 308.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

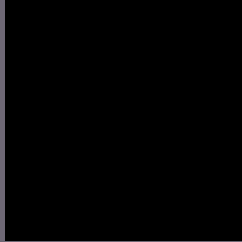
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 8.162, 308.201

Background



This preview shows how black text looks on a background with the CIELCh color 45, 8.162, 308.201.



This preview shows how white text looks on a background with the CIELCh color 45, 8.162, 308.201.

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, 8.162, 308.201

Protanopia

45, 7.167, 288.056

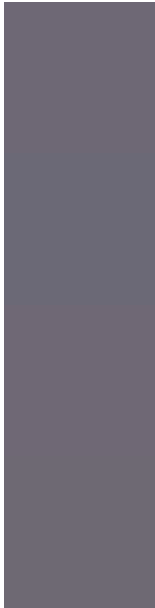
Deuteranopia

45, 8.433, 313.424



Tritanopia
45, 5.210, 313.569

Trichromacy



Original Color
45, 8.162, 308.201

Protanomaly
45, 7.822, 297.030

Deuteranomaly
45, 8.289, 310.850

Tritanomaly
45, 6.325, 309.423

Monochromacy



Original Color
45, 8.162, 308.201

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 3.105, 305.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 8.162, 308.201 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(110, 104, 117)` looks like.

```
.text, #text, p{  
    color:rgb(110, 104, 117)  
}
```

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(110, 104, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 104, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 8.162, 308.201 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(110, 104, 117) }
```

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

```
.border{ border-color:rgb(110, 104, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 104, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 104, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 104, 117);  
box-shadow:4px 4px 4px 4px rgb(110, 104,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 8.162, 308.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 104, 117) }
```

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

```
.background{ background-color: rgb(110,  
104, 117) }
```

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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