

Converting Colors

CIELCh(45, 7.560, 182.636)

Have a look what the booklet for
CIELCh(45, 7.560, 182.636) contains.

CIELCh(45, 7.396, 184.526)	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, 7.396, 184.526)

Conversions

Conversions Part 1

Format	Color
Hex	5C6E6B
RGB	92, 110, 107
RGB Percent	36%, 43%, 42%
CMY	0.6385, 0.5679, 0.5797
CMYK	0.16, 0.00, 0.03, 0.57
HSL	170°, 9%, 40%
HSV	170°, 16%, 43%
XYZ	12.6910, 14.5417, 16.0985
YIQ	104.2760, -9.7650, -4.7490

Conversions

Conversions Part 2

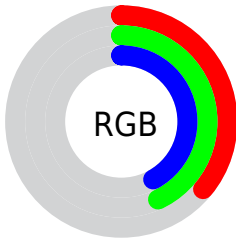
Format	Color
R_{YB}	92, 102, 110
Decimal	6057579
CIE _{Lab}	45.00, -7.37, -0.58
CIE _{LCh}	45, 7.396, 184.526
Yxy	14.5417, 0.2929, 0.3356
Android (android.graphics.Color)	4284247659 (0xFF5C6E6B)
YUV	104.2760, 1.3429, -10.7661
Hunter-Lab	38.1336, -7.3281, 1.6636

Details

The CIELCh color **45, 7.396, 184.526** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 7.915, 7.262**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 7.823, 182.223**, and **25, 7.015, 187.320** is the 20% darker color. If you saturate the color by 10%, you get **44, 11.691, 183.639**, and if you desaturate by 10%, it is **46, 2.912, 185.420**.

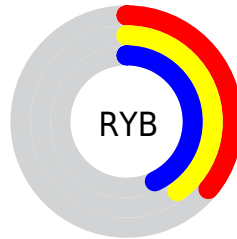
Distribution



Red (36%)

Green (43%)

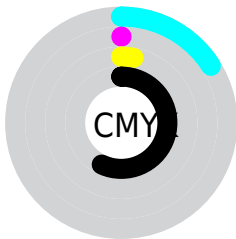
Blue (42%)



Red (36%)

Yellow (40%)

Blue (43%)

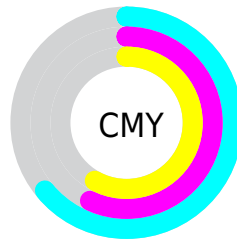


Cyan (16%)

Magenta (0%)

Yellow (3%)

Black (57%)



Cyan (64%)

Magenta (57%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 7.396, 184.526 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, 7.396, 184.526 by changing the saturation by 10% instead.

■ 45, 7.396, 184.526

■ 45, 7.396, 184.526

■ 100, 7.396,
184.526

■ 35, 7.396, 184.526

■ 65, 7.396, 184.526

■ 25, 7.396, 184.526

■ 75, 7.396, 184.526

■ 15, 7.396, 184.526

■ 85, 7.396, 184.526

■ 5, 7.396, 184.526

■ 95, 7.396, 184.526

■ 0, 7.396, 184.526

■ 45, 7.396, 184.526

■ 45, 7.396, 184.526

■ 44, 11.691,
183.639

■ 46, 2.912, 185.420

■ 43, 15.727,

■ 47, 1.703, 5.910

182.726

48, 6.396, 6.833

43, 19.437,
181.764

49, 11.124, 7.611

42, 22.752,
180.738

50, 15.854, 8.356

42, 25.614,
179.633

52, 20.558, 9.077

42, 27.985,
178.427

54, 29.817, 10.458

41, 29.850,
177.104

56, 34.348, 11.120

41, 31.302,
175.687

41, 31.824,
175.191

Harmonies

Complementary

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



45, 7.396, 184.526



41, 7.915, 7.262

Rectangle

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



45, 7.396, 184.526



45, 7.396, 234.526



45, 7.396, 4.526



45, 7.396, 54.526

Sweetspot

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



45, 7.397, 184.520



59, 2.844, 185.546



45, 12.398, 138.561



30, 1.926, 185.490



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



45, 7.397, 184.520



57, 11.113, 184.153



43, 5.835, 235.046



23, 2.613, 185.167



45, 33.851, 175.028



88, 58.477, 174.018

Inverse Universe

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



41, 7.915, 7.262



51, 12.114, 7.720



42, 6.343, 52.485



22, 2.711, 6.514



24, 53.262, 29.645



52, 93.771, 32.843

Previews

White Background



This preview shows how the CIELCh color 45, 7.396, 184.526 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, 7.396, 184.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

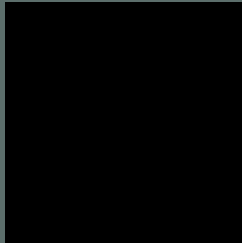
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

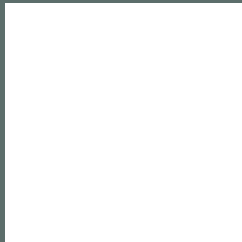
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 7.396, 184.526

Background



This preview shows how black text looks on a background with the CIELCh color 45, 7.396, 184.526.

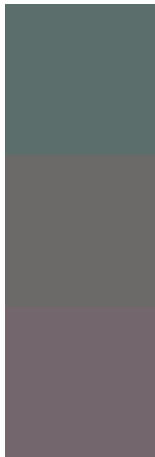


This preview shows how white text looks on a background with the CIELCh color 45, 7.396, 184.526.

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

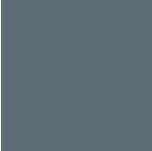
45, 7.396, 184.526

Protanopia

45, 1.010, 55.183

Deuteranopia

45, 6.122, 344.437



Tritanopia
45, 7.361, 239.498

Trichromacy



Original Color

45, 7.396, 184.526

Protanomaly

45, 2.731, 173.326

Deuteranomaly

45, 1.271, 309.085

Tritanomaly

45, 6.594, 220.100

Monochromacy



Original Color

45, 7.396, 184.526

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 2.520, 185.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 7.396, 184.526 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(92, 110, 107)` looks like.

```
.text, #text, p{  
    color:rgb(92, 110, 107)  
}
```

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(92, 110, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 110, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 7.396, 184.526 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(92, 110, 107) }
```

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

```
.border{ border-color:rgb(92, 110, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 110, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 110, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 110, 107);  
box-shadow:4px 4px 4px 4px rgb(92, 110,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 7.396, 184.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 110, 107) }
```

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

```
.background{ background-color: rgb(92, 110,  
107) }
```

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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