

Converting Colors

CIELCh(45, 6.100, 188.129)

Have a look what the booklet for
CIELCh(45, 6.100, 188.129) contains.

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Color

CIELCh(45, 6.110, 187.455)

Conversions

Conversions Part 1

Format	Color
Hex	5F6E6C
RGB	95, 110, 108
RGB Percent	37%, 43%, 42%
CMY	0.6291, 0.5703, 0.5782
CMYK	0.14, 0.00, 0.02, 0.57
HSL	172°, 7%, 40%
HSV	172°, 14%, 43%
XYZ	12.8879, 14.5417, 16.1942
YIQ	105.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

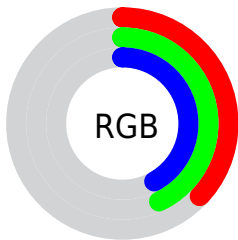
Format	Color
R_{YB}	95, 103, 110
Decimal	6254188
CIE _{Lab}	45.00, -6.06, -0.79
CIE _{LCh}	45, 6.110, 187.455
Yxy	14.5417, 0.2954, 0.3333
Android (android.graphics.Color)	4284444268 (0xFF5F6E6C)
YUV	105.2870, 1.3375, -9.0217
Hunter-Lab	38.1336, -6.4067, 1.5148

Details

The CIELCh color $45, 6.110, 187.455$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42, 6.499, 9.580$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 6.243, 183.426$, and $25, 5.663, 191.750$ is the 20% darker color. If you saturate the color by 10%, you get $44, 10.362, 186.621$, and if you desaturate by 10%, it is $46, 1.670, 188.376$.

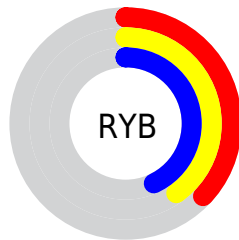
Distribution



Red (37%)

Green (43%)

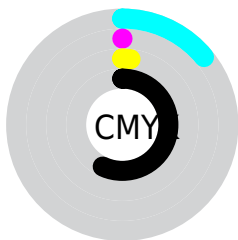
Blue (42%)



Red (37%)

Yellow (40%)

Blue (43%)

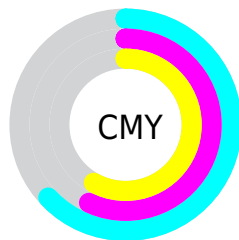


Cyan (14%)

Magenta (0%)

Yellow (2%)

Black (57%)



Cyan (63%)

Magenta (57%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 6.110, 187.455 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, 6.110, 187.455 by changing the saturation by 10% instead.

■ 45, 6.110, 187.455

■ 45, 6.110, 187.455

■ 100, 6.110,
187.455

■ 35, 6.110, 187.455

■ 65, 6.110, 187.455

■ 25, 6.110, 187.455

■ 75, 6.110, 187.455

■ 15, 6.110, 187.455

■ 85, 6.110, 187.455

■ 5, 6.110, 187.455

■ 95, 6.110, 187.455

■ 0, 6.110, 187.455

■ 45, 6.110, 187.455

■ 45, 6.110, 187.455

■ 44, 10.362,
186.621

■ 46, 1.670, 188.376

■ 43, 14.360,

■ 47, 2.902, 8.818

185.783

48, 7.555, 9.637

43, 18.034,
184.916

49, 12.247, 10.386

42, 21.319,
184.006

50, 16.945, 11.110

42, 24.157,
183.040

52, 21.624, 11.816

42, 26.503,
182.003

54, 30.852, 13.175

41, 28.340,
180.875

56, 35.378, 13.829

41, 29.698,
179.650

41, 30.491,
178.894

Harmonies

Complementary

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



45, 6.110, 187.455



42, 6.499, 9.580

Rectangle

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



45, 6.110, 187.455



45, 6.110, 237.455



45, 6.110, 7.455



45, 6.110, 57.455

Sweetspot

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



45, 6.111, 187.447



59, 2.252, 188.322



45, 10.431, 139.653



30, 1.588, 188.252



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, 6.111, 187.447



58, 8.834, 187.219



43, 4.912, 239.105



22, 2.482, 187.849



44, 32.044, 178.779



87, 55.641, 177.880

Inverse Universe

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



42, 6.499, 9.580



53, 9.518, 9.859



43, 5.231, 56.614



21, 2.584, 9.114



23, 53.455, 31.711



51, 95.082, 34.871

Previews

White Background



This preview shows how the CIE LCh color 45, 6.110, 187.455 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, 6.110, 187.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

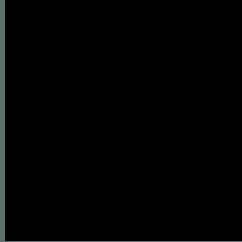
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

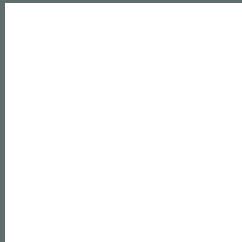
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 6.110, 187.455

Background



This preview shows how black text looks on a background with the CIELCh color 45, 6.110, 187.455.



This preview shows how white text looks on a background with the CIELCh color 45, 6.110, 187.455.

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

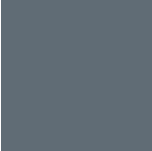
45, 6.110, 187.455

Protanopia

45, 1.010, 55.183

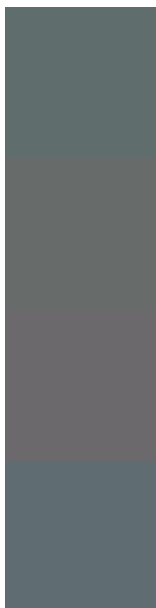
Deuteranopia

45, 6.122, 344.437



Tritanopia
45, 6.987, 249.529

Trichromacy



Original Color
45, 6.110, 187.455

Protanomaly
45, 1.742, 179.379

Deuteranomaly
45, 2.188, 324.510

Tritanomaly
45, 6.135, 228.092

Monochromacy



Original Color
45, 6.110, 187.455

Achromatopsia
44, 0.006, 296.813

Achromatomaly
45, 2.516, 185.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 6.110, 187.455 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(95, 110, 108)` looks like.

```
.text, #text, p{  
    color:rgb(95, 110, 108)  
}
```

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(95, 110, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 110, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 6.110, 187.455 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(95, 110, 108) }
```

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

```
.border{ border-color:rgb(95, 110, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 110, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 110, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 110, 108);  
box-shadow:4px 4px 4px 4px rgb(95, 110,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 6.110, 187.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 110, 108) }
```

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

```
.background{ background-color: rgb(95, 110,  
108) }
```

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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