

Converting Colors

CIELCh(45, 7.603, 160.106)

Have a look what the booklet for
CIELCh(45, 7.603, 160.106) contains.

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Color

CIELCh(45, 7.802, 160.863)

Conversions

Conversions Part 1

Format	Color
Hex	5F6E66
RGB	95, 110, 102
RGB Percent	37%, 43%, 40%
CMY	0.6275, 0.5686, 0.6000
CMYK	0.14, 0.00, 0.07, 0.57
HSL	148°, 7%, 40%
HSV	148°, 14%, 43%
XYZ	12.6914, 14.5417, 14.7061
YIQ	104.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

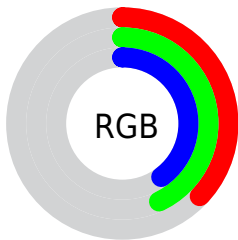
Format	Color
R _Y B	95, 105, 110
Decimal	6254182
CIE Lab	45.00, -7.37, 2.56
CIE LCh	45, 7.802, 160.863
Yxy	14.5417, 0.3026, 0.3467
Android (android.graphics.Color)	4284444262 (0xFF5F6E66)
YUV	104.6030, -1.2833, -8.4218
Hunter-Lab	38.1336, -7.3267, 3.8284

Details

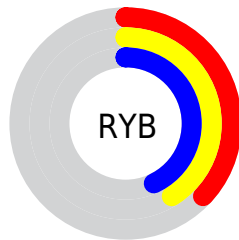
The CIELCh color $45, 7.802, 160.863$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42, 7.915, 342.923$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 7.923, 159.703$, and $25, 7.484, 160.110$ is the 20% darker color. If you saturate the color by 10%, you get $44, 13.506, 159.963$, and if you desaturate by 10%, it is $46, 2.075, 161.746$.

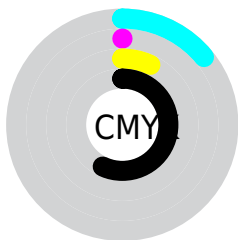
Distribution



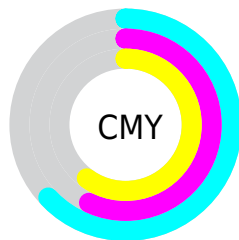
- Red (37%)
- Green (43%)
- Blue (40%)



- Red (37%)
- Yellow (41%)
- Blue (43%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (57%)



- Cyan (63%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 7.802, 160.863 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, 7.802, 160.863 by changing the saturation by 10% instead.

■ 45, 7.802, 160.863

■ 45, 7.802, 160.863

■ 100, 7.802,
160.863

■ 35, 7.802, 160.863

■ 65, 7.802, 160.863

■ 25, 7.802, 160.863

■ 75, 7.802, 160.863

■ 15, 7.802, 160.863

■ 85, 7.802, 160.863

■ 5, 7.802, 160.863

■ 95, 7.802, 160.863

■ 0, 7.802, 160.863

■ 45, 7.802, 160.863

■ 45, 7.802, 160.863

■ 44, 13.506,
159.963

■ 46, 2.075, 161.746

■ 43, 19.115,

■ 47, 3.623, 342.276

158.970

48, 9.246, 342.978

42, 24.549,
157.858

50, 14.764,
343.596

42, 29.722,
156.604

51, 20.155,
344.164

41, 34.546,
155.187

52, 25.404,
344.690

41, 38.943,
153.591

54, 30.504,
345.182

41, 42.858,
151.806

55, 35.453,
345.644

40, 46.285,
149.855

57, 40.251,
346.079

40, 48.370,
148.698

Harmonies

Complementary

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



45, 7.802, 160.863



42, 7.915, 342.923

Rectangle

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



45, 7.802, 160.863



45, 7.802, 210.863



45, 7.802, 340.863



45, 7.802, 30.863

Sweetspot

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



45, 7.803, 160.860



59, 2.826, 161.697



45, 9.349, 126.708



30, 1.996, 161.637



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, 7.803, 160.860



57, 11.339, 160.618



45, 5.966, 194.449



23, 3.268, 161.255



44, 51.672, 148.464



86, 90.846, 147.083

Inverse Universe

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



42, 7.915, 342.923



53, 11.531, 343.162



42, 6.429, 16.200



22, 3.302, 342.534



25, 49.074, 357.285



53, 83.224, 359.653

Previews

White Background



This preview shows how the CIELCh color 45, 7.802, 160.863 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, 7.802, 160.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

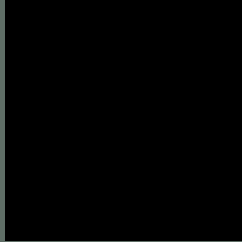
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 7.802, 160.863

Background



This preview shows how black text looks on a background with the CIELCh color 45, 7.802, 160.863.



This preview shows how white text looks on a background with the CIELCh color 45, 7.802, 160.863.

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, 7.802, 160.863

Protanopia

45, 3.934, 84.288

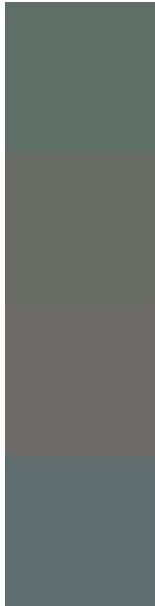
Deuteranopia

45, 6.330, 20.144



Tritanopia
45, 6.315, 248.394

Trichromacy



Original Color

45, 7.802, 160.863

Protanomaly

45, 3.670, 122.776

Deuteranomaly

45, 2.430, 66.546

Tritanomaly

45, 5.233, 212.111

Monochromacy



Original Color

45, 7.802, 160.863

Achromatopsia

44, 0.006, 296.813

Achromatomaly

45, 3.056, 163.302

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 7.802, 160.863 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(95, 110, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 110, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 7.802, 160.863 is called "border". The border property can be set on classes, ids or directly on the HTML element.

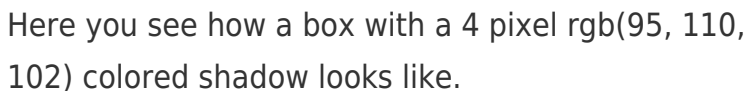
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 110, 102) }
```

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

```
.border{ border-color:rgb(95, 110, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 110, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 110, 102);  
box-shadow:4px 4px 4px 4px rgb(95, 110,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 7.802, 160.863 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, 102) }
```

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

```
.background{ background-color: rgb(95, 110,  
102) }
```

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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