

Converting Colors

CIELCh(50, 13.054, 174.809)

Have a look what the booklet for
CIELCh(50, 13.054, 174.809)
contains.

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Color

CIELCh(50, 12.891, 176.681)

Conversions

Conversions Part 1

Format	Color
Hex	5E7D75
RGB	94, 125, 117
RGB Percent	37%, 49%, 46%
CMY	0.6304, 0.5087, 0.5401
CMYK	0.25, 0.00, 0.06, 0.51
HSL	165°, 14%, 43%
HSV	165°, 25%, 49%
XYZ	15.2364, 18.4187, 19.6628
YIQ	114.8190, -15.9080, -9.0600

Conversions

Conversions Part 2

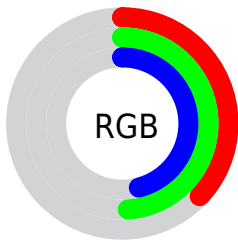
Format	Color
R _Y B	94, 112, 125
Decimal	6192501
CIE Lab	50.00, -12.87, 0.75
CIE LCh	50, 12.891, 176.681
Yxy	18.4187, 0.2858, 0.3455
Android (android.graphics.Color)	4284382581 (0xFF5E7D75)
YUV	114.8190, 1.0752, -18.2583
Hunter-Lab	42.9170, -11.7336, 2.8777

Details

The CIELCh color **50, 12.891, 176.681** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **43, 13.970, 1.428**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 13.088, 176.180**, and **30, 12.734, 176.787** is the 20% darker color. If you saturate the color by 10%, you get **49, 17.764, 175.642**, and if you desaturate by 10%, it is **51, 7.789, 177.655**.

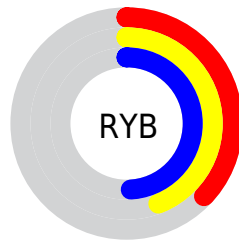
Distribution



Red (37%)

Green (49%)

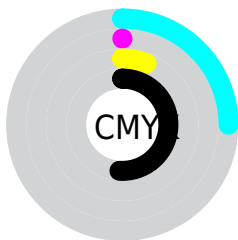
Blue (46%)



Red (37%)

Yellow (44%)

Blue (49%)

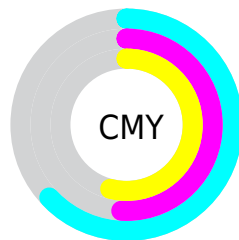


Cyan (25%)

Magenta (0%)

Yellow (6%)

Black (51%)



Cyan (63%)


Magenta (51%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 12.891, 176.681 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 50, 12.891, 176.681 by changing the saturation by 10% instead.

 50, 12.891,
176.681


 50, 12.891,
176.681


 100, 12.891,
176.681


 40, 12.891,
176.681


 70, 12.891,
176.681

 30, 12.891,
176.681


 80, 12.891,
176.681


 20, 12.891,
176.681

 90, 12.891,
176.681

 10, 12.891,
176.681

 0, 12.891, 176.681

 50, 12.891,
176.681

 50, 12.891,
176.681

49, 17.764,
175.642

51, 7.789, 177.655

48, 22.322,
174.524

52, 2.531, 178.649

48, 26.487,
173.306

53, 2.816, 359.241

47, 30.183,
171.965

54, 8.197, 0.134

47, 33.355,
170.480

56, 13.567, 0.928

47, 35.979,
168.831

57, 18.894, 1.681

46, 38.089,
167.020

59, 24.152, 2.401

46, 39.138,
166.097

60, 29.323, 3.095

62, 34.396, 3.763

Harmonies

Complementary

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



50, 12.891, 176.681



43, 13.970, 1.428

Rectangle

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



50, 12.891, 176.681



50, 12.891, 226.681



50, 12.891, 356.681



50, 12.891, 46.681

Sweetspot

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



50, 12.892, 176.678



66, 4.621, 178.390



50, 20.374, 135.654



34, 2.986, 178.347



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



50, 12.892, 176.678



63, 19.195, 176.068



48, 9.698, 224.802



26, 3.036, 178.197



47, 39.661, 166.057



0, 0.000, 0.000

Inverse Universe

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



43, 13.970, 1.428



53, 21.238, 2.202



45, 11.317, 42.701



25, 3.125, 359.684



26, 52.957, 22.811



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 50, 12.891, 176.681 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 CIELCh color 50, 12.891, 176.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

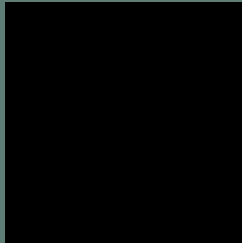
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

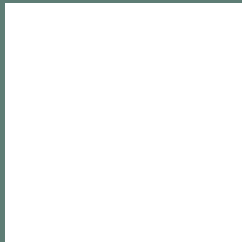
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 12.891, 176.681

Background



This preview shows how black text looks on a background with the CIELCh color 50, 12.891, 176.681.



This preview shows how white text looks on a background with the CIELCh color 50, 12.891, 176.681.

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

50, 12.891, 176.681

Protanopia

50, 3.336, 80.235

Deuteranopia

50, 6.560, 359.330



Tritanopia
50, 10.970, 230.999

Trichromacy



Original Color
50, 12.891, 176.681

Protanomaly
50, 5.069, 155.206

Deuteranomaly
50, 0.995, 163.799

Tritanomaly
50, 10.514, 208.029

Monochromacy



Original Color
50, 12.891, 176.681

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 5.106, 178.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 12.891, 176.681 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(94, 125, 117)` looks like.

```
.text, #text, p{  
    color:rgb(94, 125, 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(94, 125, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 125, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 12.891, 176.681 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(94, 125, 117) }
```

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

```
.border{ border-color:rgb(94, 125, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 125, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 125, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 125, 117);  
box-shadow:4px 4px 4px 4px rgb(94, 125,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 12.891, 176.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 125, 117) }
```

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

```
.background{ background-color: rgb(94, 125,  
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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