

Converting Colors

CIELCh(47, 8.681, 194.983)

Have a look what the booklet for
CIELCh(47, 8.681, 194.983) contains.

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Color

CIELCh(47, 8.907, 194.611)

Conversions

Conversions Part 1

Format	Color
Hex	5D7473
RGB	93, 116, 115
RGB Percent	36%, 45%, 45%
CMY	0.6357, 0.5456, 0.5495
CMYK	0.20, 0.00, 0.01, 0.55
HSL	177°, 11%, 41%
HSV	177°, 20%, 45%
XYZ	13.8217, 16.0195, 18.5474
YIQ	109.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

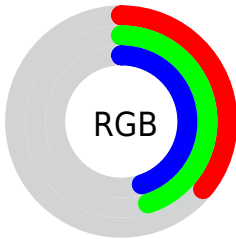
Format	Color
R_{YB}	93, 105, 116
Decimal	6124659
CIE Lab	47.00, -8.62, -2.25
CIE LCh	47, 8.907, 194.611
Yxy	16.0195, 0.2856, 0.3311
Android (android.graphics.Color)	4284314739 (0xFF5D7473)
YUV	109.0090, 2.9536, -14.0399
Hunter-Lab	40.0243, -8.4005, 0.5418

Details

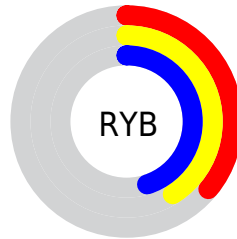
The CIELCh color **47, 8.907, 194.611** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **42, 9.976, 17.295**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 8.800, 195.086**, and **27, 9.063, 193.812** is the 20% darker color. If you saturate the color by 10%, you get **46, 12.998, 194.000**, and if you desaturate by 10%, it is **48, 4.528, 195.254**.

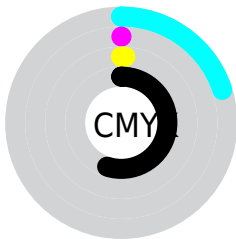
Distribution



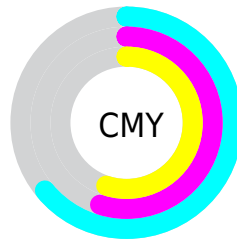
- Red (36%)
- Green (45%)
- Blue (45%)



- Red (36%)
- Yellow (41%)
- Blue (45%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (55%)





















- Cyan (64%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 8.907, 194.611 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 47, 8.907, 194.611 by changing the saturation by 10% instead.

 47, 8.907, 194.611	 47, 8.907, 194.611
 100, 8.907, 194.611	 37, 8.907, 194.611
 67, 8.907, 194.611	 27, 8.907, 194.611
 77, 8.907, 194.611	 17, 8.907, 194.611
 87, 8.907, 194.611	 7, 8.907, 194.611
 97, 8.907, 194.611	 0, 8.907, 194.611

 47, 8.907, 194.611	 47, 8.907, 194.611
 46, 12.998, 194.000	 48, 4.528, 195.254
 46, 16.730,	 49, 0.074, 10.811

193.419

50, 4.836, 16.354

45, 20.036,
192.859

51, 9.708, 17.034

45, 22.856,
192.316

52, 14.646, 17.692

44, 25.145,
191.784

53, 19.613, 18.343

44, 26.882,
191.255

56, 29.532, 19.627

44, 28.076,
190.720

58, 34.446, 20.256

44, 28.948,
190.185

44, 28.961,
190.177

Harmonies

Complementary

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



47, 8.907, 194.611



42, 9.976, 17.295

Rectangle

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



47, 8.907, 194.611



47, 8.907, 244.611



47, 8.907, 14.611



47, 8.907, 64.611

Sweetspot

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



47, 8.908, 194.605



62, 3.443, 195.530



46, 16.396, 141.987



32, 2.300, 195.491



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



47, 8.908, 194.605



60, 13.160, 194.313



44, 7.759, 252.382



24, 2.619, 195.310



46, 30.125, 190.142



89, 51.182, 189.809

Inverse Universe

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



42, 9.976, 17.295



52, 15.184, 17.782



45, 8.282, 67.631



23, 2.752, 16.332



24, 57.836, 36.259



52, 101.315, 38.794

Previews

White Background



This preview shows how the CIELCh color 47, 8.907, 194.611 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 47, 8.907, 194.611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

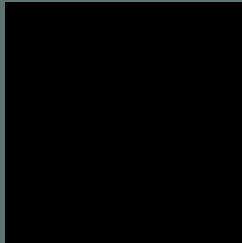
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 8.907, 194.611

Background



This preview shows how black text looks on a background with the CIELCh color 47, 8.907, 194.611.



This preview shows how white text looks on a background with the CIELCh color 47, 8.907, 194.611.

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

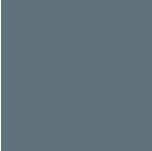
47, 8.907, 194.611

Protanopia

47, 1.016, 343.524

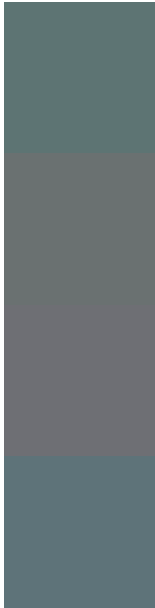
Deuteranopia

47, 6.971, 330.410



Tritanopia
47, 9.048, 234.974

Trichromacy



Original Color
47, 8.907, 194.611

Protanomaly
47, 2.800, 199.212

Deuteranomaly
47, 2.984, 282.918

Tritanomaly
47, 8.593, 223.172

Monochromacy



Original Color
47, 8.907, 194.611

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 3.662, 189.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 8.907, 194.611 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(93, 116, 115)` looks like.

```
.text, #text, p{  
    color:rgb(93, 116, 115)  
}
```

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(93, 116, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 116, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 8.907, 194.611 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(93, 116, 115) }
```

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

```
.border{ border-color:rgb(93, 116, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 116, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 116, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 116, 115);  
box-shadow:4px 4px 4px 4px rgb(93, 116,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 8.907, 194.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 116, 115) }
```

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

```
.background{ background-color: rgb(93, 116,  
115) }
```

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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