

Converting Colors

CIELCh(47, 8.807, 186.737)

Have a look what the booklet for
CIELCh(47, 8.807, 186.737) contains.

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Color

CIELCh(47, 8.795, 186.755)

Conversions

Conversions Part 1

Format	Color
Hex	5E7471
RGB	94, 116, 113
RGB Percent	37%, 45%, 44%
CMY	0.6319, 0.5456, 0.5574
CMYK	0.19, 0.00, 0.03, 0.55
HSL	172°, 10%, 41%
HSV	172°, 19%, 45%
XYZ	13.8036, 16.0195, 17.9456
YIQ	109.0800, -12.1490, -5.5970

Conversions

Conversions Part 2

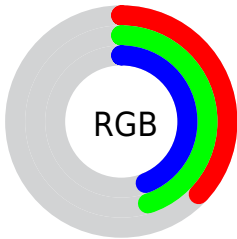
Format	Color
R_{YB}	94, 106, 116
Decimal	6190193
CIE _{Lab}	47.00, -8.73, -1.03
CIE _{LCh}	47, 8.795, 186.755
Yxy	16.0195, 0.2890, 0.3354
Android (android.graphics.Color)	4284380273 (0xFF5E7471)
YUV	109.0800, 1.9326, -13.2252
Hunter-Lab	40.0243, -8.4814, 1.4333

Details

The CIELCh color $47, 8.795, 186.755$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42, 9.592, 9.905$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 8.658, 187.642$, and $27, 9.028, 185.392$ is the 20% darker color. If you saturate the color by 10%, you get $46, 13.119, 185.909$, and if you desaturate by 10%, it is $48, 4.238, 187.594$.

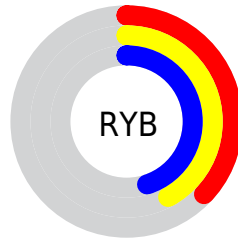
Distribution



Red (37%)

Green (45%)

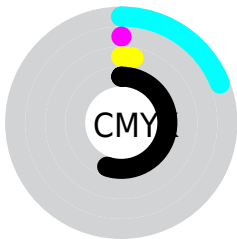
Blue (44%)



Red (37%)

Yellow (42%)

Blue (45%)

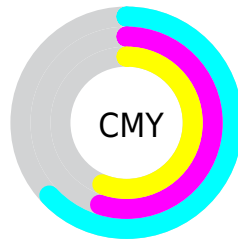


Cyan (19%)

Magenta (0%)

Yellow (3%)

Black (55%)



Cyan (63%)













Magenta (55%)







Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 8.795, 186.755 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, 8.795, 186.755 by changing the saturation by 10% instead.

 47, 8.795, 186.755	 47, 8.795, 186.755
 100, 8.795, 186.755	 37, 8.795, 186.755
 67, 8.795, 186.755	 27, 8.795, 186.755
 77, 8.795, 186.755	 17, 8.795, 186.755
 87, 8.795, 186.755	 7, 8.795, 186.755
 97, 8.795, 186.755	 0, 8.795, 186.755

 47, 8.795, 186.755	 47, 8.795, 186.755
 46, 13.119, 185.909	 48, 4.238, 187.594
 46, 17.136,	 49, 0.487, 7.566

185.044

50, 5.323, 8.988

45, 20.775,
184.140

51, 10.221, 9.767

44, 23.969,
183.184

52, 15.142, 10.508

44, 26.664,
182.161

54, 20.053, 11.229

44, 28.828,
181.051

57, 29.761, 12.616

44, 30.458,
179.839

58, 34.529, 13.282

43, 31.736,
178.574

43, 31.867,
178.451

Harmonies

Complementary

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



47, 8.795, 186.755



42, 9.592, 9.905

Rectangle

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



47, 8.795, 186.755



47, 8.795, 236.755



47, 8.795, 6.755



47, 8.795, 56.755

Sweetspot

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



47, 8.796, 186.749



62, 3.520, 187.856



47, 15.183, 139.358



32, 2.351, 187.809



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, 8.796, 186.749



60, 13.066, 186.365



45, 7.066, 239.700



24, 2.681, 187.589



46, 33.174, 178.360



89, 56.738, 177.500

Inverse Universe

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



42, 9.592, 9.905



52, 14.577, 10.425



44, 7.738, 56.213



23, 2.792, 8.892



24, 55.185, 31.843



52, 96.450, 34.751

Previews

White Background



This preview shows how the CIELCh color 47, 8.795, 186.755 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, 8.795, 186.755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

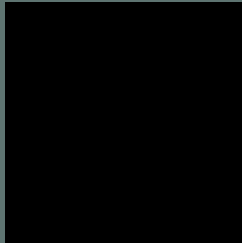
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

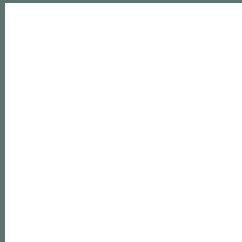
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 8.795, 186.755

Background



This preview shows how black text looks on a background with the CIELCh color 47, 8.795, 186.755.



This preview shows how white text looks on a background with the CIELCh color 47, 8.795, 186.755.

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

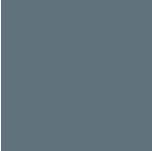
47, 8.795, 186.755

Protanopia

47, 1.001, 55.178

Deuteranopia

47, 6.429, 340.114



Tritanopia
47, 8.494, 237.873

Trichromacy



Original Color
47, 8.795, 186.755

Protanomaly
47, 3.074, 176.525

Deuteranomaly
47, 1.819, 277.692

Tritanomaly
47, 7.928, 216.096

Monochromacy



Original Color
47, 8.795, 186.755

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 3.278, 188.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 8.795, 186.755 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, 116, 113)` looks like.

```
.text, #text, p{  
    color:rgb(94, 116, 113)  
}
```

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, 116, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 116, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 8.795, 186.755 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, 116, 113) }
```

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

```
.border{ border-color:rgb(94, 116, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 116, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 116, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 116, 113);  
box-shadow:4px 4px 4px 4px rgb(94, 116,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 8.795, 186.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 116, 113) }
```

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

```
.background{ background-color: rgb(94, 116,  
113) }
```

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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