

Converting Colors

CIELCh(47, 7.714, 170.710)

Have a look what the booklet for
CIELCh(47, 7.714, 170.710) contains.

CIELCh(47, 7.715, 171.134)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(47, 7.715, 171.134)

Conversions

Conversions Part 1

Format	Color
Hex	62736D
RGB	98, 115, 109
RGB Percent	38%, 45%, 43%
CMY	0.6150, 0.5483, 0.5718
CMYK	0.15, 0.00, 0.05, 0.55
HSL	159°, 8%, 42%
HSV	159°, 15%, 45%
XYZ	13.9794, 16.0195, 16.8759
YIQ	109.2330, -8.2060, -5.4700

Conversions

Conversions Part 2

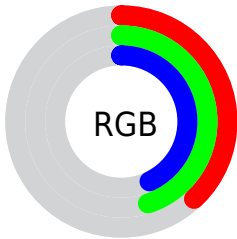
Format	Color
R_{YB}	98, 108, 115
Decimal	6452077
CIE _{Lab}	47.00, -7.62, 1.19
CIE _{LCh}	47, 7.715, 171.134
Yxy	16.0195, 0.2982, 0.3418
Android (android.graphics.Color)	4284642157 (0xFF62736D)
YUV	109.2330, -0.1149, -9.8513
Hunter-Lab	40.0243, -7.6972, 3.0179

Details

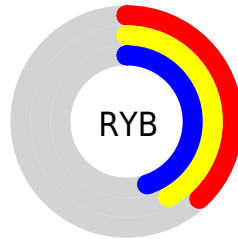
The CIELCh color $47, 7.715, 171.134$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 7.976, 353.703$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 7.833, 169.196$, and $27, 7.708, 173.108$ is the 20% darker color. If you saturate the color by 10%, you get $46, 12.834, 170.145$, and if you desaturate by 10%, it is $48, 2.499, 172.108$.

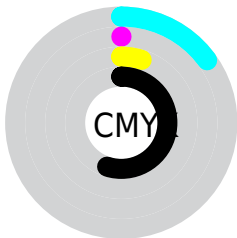
Distribution



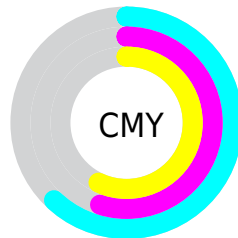
- Red (38%)
- Green (45%)
- Blue (43%)



- Red (38%)
- Yellow (42%)
- Blue (45%)



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (55%)





















- Cyan (62%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 7.715, 171.134 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, 7.715, 171.134 by changing the saturation by 10% instead.

 47, 7.715, 171.134	 47, 7.715, 171.134
 100, 7.715, 171.134	 37, 7.715, 171.134
 67, 7.715, 171.134	 27, 7.715, 171.134
 77, 7.715, 171.134	 17, 7.715, 171.134
 87, 7.715, 171.134	 7, 7.715, 171.134
 97, 7.715, 171.134	 0, 7.715, 171.134

 47, 7.715, 171.134	 47, 7.715, 171.134
 46, 12.834, 170.145	 48, 2.499, 172.108
 45, 17.782,	 49, 2.759, 352.709

169.083

50, 8.007, 353.565

45, 22.483,
167.920

52, 13.209,
354.319

44, 26.858,
166.634

53, 18.336,
355.026

43, 30.831,
165.205

54, 23.368,
355.697

43, 34.344,
163.609

56, 28.292,
356.335

43, 37.363,
161.831

57, 33.101,
356.946

43, 39.923,
159.891

59, 37.790,
357.532

42, 41.222,
158.925

Harmonies

Complementary

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



47, 7.715, 171.134



43, 7.976, 353.703

Rectangle

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



47, 7.715, 171.134



47, 7.715, 221.134



47, 7.715, 351.134



47, 7.715, 41.134

Sweetspot

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



47, 7.716, 171.129



62, 2.611, 172.185



47, 11.002, 132.991



32, 1.870, 172.111



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, 7.716, 171.129



60, 11.678, 170.772



47, 5.873, 212.113



24, 2.994, 171.674



45, 43.167, 158.767



87, 74.887, 157.436

Inverse Universe

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



43, 7.976, 353.703



55, 12.172, 354.089



44, 6.443, 32.204



23, 3.057, 353.128



25, 49.525, 14.040



53, 84.872, 17.333

Previews

White Background



This preview shows how the CIELCh color 47, 7.715, 171.134 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, 7.715, 171.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

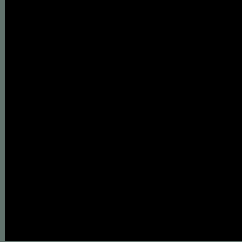
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 7.715, 171.134

Background



This preview shows how black text looks on a background with the CIELCh color 47, 7.715, 171.134.



This preview shows how white text looks on a background with the CIELCh color 47, 7.715, 171.134.

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, 7.715, 171.134

Protanopia

47, 2.655, 81.929

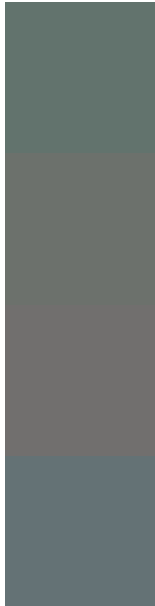
Deuteranopia

47, 6.061, 3.157



Tritanopia
47, 6.940, 249.438

Trichromacy



Original Color
47, 7.715, 171.134

Protanomaly
47, 3.607, 144.253

Deuteranomaly
47, 1.001, 55.178

Tritanomaly
47, 5.690, 217.127

Monochromacy



Original Color
47, 7.715, 171.134

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 2.718, 173.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 7.715, 171.134 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(98, 115, 109)` looks like.

```
.text, #text, p{  
    color:rgb(98, 115, 109)  
}
```

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(98, 115, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 115, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 7.715, 171.134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

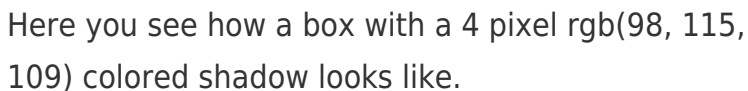
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 115, 109) }
```

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

```
.border{ border-color:rgb(98, 115, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 115, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 115, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 115, 109);  
box-shadow:4px 4px 4px 4px rgb(98, 115,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 7.715, 171.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 115, 109) }
```

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

```
.background{ background-color: rgb(98, 115,  
109) }
```

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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