

Converting Colors

CIELCh(48, 5.969, 338.952)

Have a look what the booklet for
CIELCh(48, 5.969, 338.952) contains.

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Color

CIELCh(48, 6.095, 337.563)

Conversions

Conversions Part 1

Format	Color
Hex	7A6F76
RGB	122, 111, 118
RGB Percent	48%, 44%, 46%
CMY	0.5218, 0.5649, 0.5375
CMYK	0.00, 0.09, 0.03, 0.52
HSL	322°, 5%, 46%
HSV	322°, 9%, 48%
XYZ	16.9607, 16.7945, 19.4674
YIQ	115.0870, 4.3090, 4.5090

Conversions

Conversions Part 2

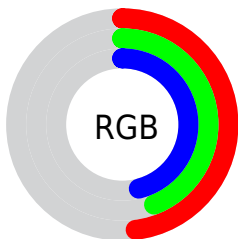
Format	Color
R_{YB}	122, 111, 118
Decimal	8023926
CIE Lab	48.00, 5.63, -2.33
CIE LCh	48, 6.095, 337.563
Yxy	16.7945, 0.3187, 0.3156
Android (android.graphics.Color)	4286214006 (0xFF7A6F76)
YUV	115.0870, 1.4361, 6.0627
Hunter-Lab	40.9810, 2.1584, 0.5220

Details

The CIELCh color $48, 6.095, 337.563$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 6.053, 156.385$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 5.701, 337.371$, and $28, 6.357, 335.103$ is the 20% darker color. If you saturate the color by 10%, you get $45, 12.944, 338.328$, and if you desaturate by 10%, it is $52, 0.651, 157.301$.

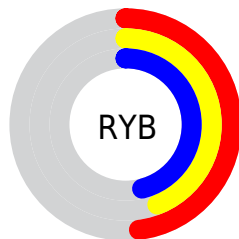
Distribution



Red (48%)

Green (44%)

Blue (46%)



Red (48%)

Yellow (44%)

Blue (46%)

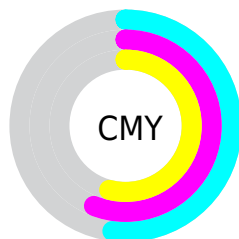


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (52%)



Cyan (52%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 6.095, 337.563 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 48, 6.095, 337.563 by changing the saturation by 10% instead.

■ 48, 6.095, 337.563

■ 48, 6.095, 337.563

■ 100, 6.095,
337.563

■ 38, 6.095, 337.563

■ 68, 6.095, 337.563

■ 28, 6.095, 337.563

■ 78, 6.095, 337.563

■ 18, 6.095, 337.563

■ 88, 6.095, 337.563

■ 8, 6.095, 337.563

■ 98, 6.095, 337.563

■ 0, 6.095, 337.563

■ 48, 6.095, 337.563

■ 48, 6.095, 337.563

■ 45, 12.944,
338.328

■ 52, 0.651, 157.301

■ 41, 19.814,

■ 55, 7.237, 156.307

339.134

59, 13.640,
155.687

38, 26.573,
340.009

62, 19.849,
155.115

35, 33.029,
340.973

66, 25.862,
154.580

32, 38.931,
342.058

70, 31.686,
154.078

30, 43.973,
343.306

73, 37.331,
153.607

28, 47.847,
344.780

77, 42.807,
153.164

27, 50.310,
346.564

81, 48.126,
152.746

26, 51.732,
348.612

Harmonies

Complementary

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



48, 6.095, 337.563



50, 6.053, 156.385

Rectangle

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



48, 6.095, 337.563



48, 6.095, 27.563



48, 6.095, 157.563



48, 6.095, 207.563

Sweetspot

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



48, 6.093, 337.566



64, 2.496, 337.071



47, 6.703, 304.128



33, 1.882, 337.143



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



48, 6.093, 337.566



60, 9.210, 337.736



48, 4.635, 7.828



24, 3.818, 337.570



27, 52.770, 348.881



55, 87.948, 350.422

Inverse Universe

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



48, 6.093, 337.566



60, 9.210, 337.736



50, 4.457, 186.493



24, 3.818, 337.570



27, 52.770, 348.881



55, 87.948, 350.422

Previews

White Background



This preview shows how the CIELCh color 48, 6.095, 337.563 looks on a white background.

Color Contrast Check

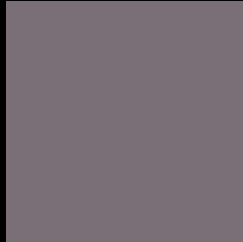
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 6.095, 337.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

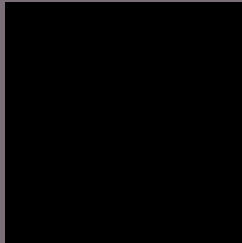
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 6.095, 337.563

Background



This preview shows how black text looks on a background with the CIELCh color 48, 6.095, 337.563.



This preview shows how white text looks on a background with the CIELCh color 48, 6.095, 337.563.

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


48, 6.095, 337.563

Protanopia

48, 3.572, 297.057

Deuteranopia

48, 6.400, 340.096



Tritanopia
48, 6.504, 333.743

Trichromacy



Original Color

48, 6.095, 337.563

Protanomaly

48, 4.616, 316.390

Deuteranomaly

48, 6.400, 340.096

Tritanomaly

48, 6.504, 333.743

Monochromacy



Original Color

48, 6.095, 337.563

Achromatopsia

48, 0.006, 296.813

Achromatomaly

48, 2.016, 343.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 6.095, 337.563 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(122, 111, 118)` looks like.

```
.text, #text, p{  
    color:rgb(122, 111, 118)  
}
```

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(122, 111, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 111, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 6.095, 337.563 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(122, 111, 118) }
```

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

```
.border{ border-color:rgb(122, 111, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 111, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 111, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 111, 118);  
box-shadow:4px 4px 4px 4px rgb(122, 111,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 6.095, 337.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 111, 118) }
```

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

```
.background{ background-color: rgb(122,  
111, 118) }
```

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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