

Converting Colors

CIELCh(50, 2.909, 330.636)

Have a look what the booklet for
CIELCh(50, 2.909, 330.636) contains.

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Color

CIELCh(50, 2.395, 332.447)

Conversions

Conversions Part 1

Format	Color
Hex	7A7679
RGB	122, 118, 121
RGB Percent	48%, 46%, 47%
CMY	0.5222, 0.5379, 0.5262
CMYK	0.00, 0.03, 0.01, 0.52
HSL	315°, 2%, 47%
HSV	315°, 3%, 48%
XYZ	17.9013, 18.4187, 20.6462
YIQ	119.5380, 1.4210, 1.7810

Conversions

Conversions Part 2

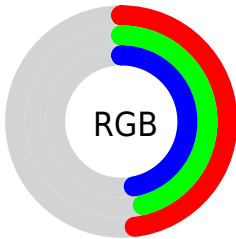
Format	Color
R _Y B	122, 118, 121
Decimal	8025721
CIE Lab	50.00, 2.12, -1.11
CIE LCh	50, 2.395, 332.447
Yxy	18.4187, 0.3142, 0.3233
Android (android.graphics.Color)	4286215801 (0xFF7A7679)
YUV	119.5380, 0.7208, 2.1592
Hunter-Lab	42.9170, -0.6496, 1.5190

Details

The CIELCh color **50, 2.395, 332.447** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **51, 2.381, 152.236**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 2.245, 332.356**, and **30, 2.341, 324.589** is the 20% darker color. If you saturate the color by 10%, you get **47, 9.751, 333.152**, and if you desaturate by 10%, it is **54, 4.835, 151.993**.

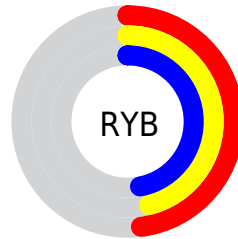
Distribution



Red (48%)

Green (46%)

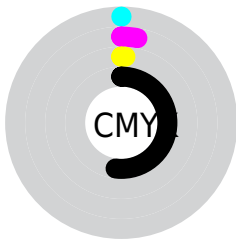
Blue (47%)



Red (48%)

Yellow (46%)

Blue (47%)

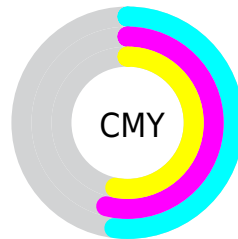


Cyan (0%)

Magenta (3%)

Yellow (1%)

Black (52%)



Cyan (52%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 2.395, 332.447 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, 2.395, 332.447 by changing the saturation by 10% instead.

■ 50, 2.395, 332.447

■ 50, 2.395, 332.447

■ 100, 2.395,
332.447

■ 40, 2.395, 332.447

■ 70, 2.395, 332.447

■ 30, 2.395, 332.447

■ 80, 2.395, 332.447

■ 20, 2.395, 332.447

■ 90, 2.395, 332.447

■ 10, 2.395, 332.447

■ 0, 2.395, 332.447

■ 50, 2.395, 332.447

■ 50, 2.395, 332.447

■ 47, 9.751, 333.152

■ 54, 4.835, 151.993

■ 43, 17.165,
333.822

■ 57, 11.892,
151.396

40, 24.517,
334.519

61, 18.754,
150.849

37, 31.641,
335.250

64, 25.412,
150.334

34, 38.307,
336.024

68, 31.869,
149.848

32, 44.229,
336.855

72, 38.131,
149.390

30, 49.088,
337.764

75, 44.206,
148.958

28, 52.594,
338.785

79, 50.107,
148.551

27, 54.585,
339.961

83, 55.846,
148.167

Harmonies

Complementary

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



50, 2.395, 332.447



51, 2.381, 152.236

Rectangle

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



50, 2.395, 332.447



50, 2.395, 22.447



50, 2.395, 152.447



50, 2.395, 202.447

Sweetspot

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



50, 2.393, 332.452



65, 0.906, 332.108



50, 2.384, 300.095



33, 0.512, 332.079



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



50, 2.393, 332.452



63, 3.614, 332.521



50, 1.724, 359.606



25, 2.064, 332.555



27, 56.593, 340.822



57, 94.402, 341.693

Inverse Universe

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



50, 2.393, 332.452



63, 3.614, 332.521



51, 1.701, 179.437



25, 2.064, 332.555



27, 56.593, 340.822



57, 94.402, 341.693

Previews

White Background



This preview shows how the CIELCh color 50, 2.395, 332.447 looks on a white 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

Black Background



This preview shows how the CIE LCh color 50, 2.395, 332.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

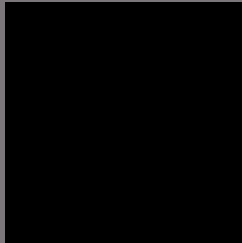
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 2.395, 332.447

Background



This preview shows how black text looks on a background with the CIELCh color 50, 2.395, 332.447.



This preview shows how white text looks on a background with the CIELCh color 50, 2.395, 332.447.

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, 2.395, 332.447

Protanopia

50, 1.944, 314.706

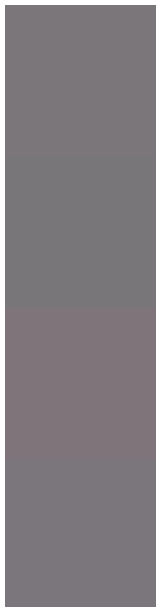
Deuteranopia

50, 6.685, 348.575



Tritanopia
50, 5.809, 314.931

Trichromacy



Original Color

50, 2.395, 332.447

Protanomaly

50, 2.144, 324.488

Deuteranomaly

50, 5.005, 344.224

Tritanomaly

50, 4.771, 320.709

Monochromacy



Original Color

50, 2.395, 332.447

Achromatopsia

50, 0.007, 296.813

Achromatomaly

50, 0.719, 324.239

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 2.395, 332.447 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, 118, 121)` looks like.

```
.text, #text, p{  
    color:rgb(122, 118, 121)  
}
```

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, 118, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 118, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 2.395, 332.447 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, 118, 121) }
```

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

```
.border{ border-color:rgb(122, 118, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 118, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 118, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 118, 121);  
box-shadow:4px 4px 4px 4px rgb(122, 118,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 2.395, 332.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 118, 121) }
```

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

```
.background{ background-color: rgb(122,  
118, 121) }
```

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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