

Converting Colors

CIELCh(50, 3.291, 338.907)

Have a look what the booklet for
CIELCh(50, 3.291, 338.907) contains.

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Color

CIELCh(50, 3.381, 335.918)

Conversions

Conversions Part 1

Format	Color
Hex	7B7579
RGB	123, 117, 121
RGB Percent	48%, 46%, 47%
CMY	0.5164, 0.5399, 0.5242
CMYK	0.00, 0.05, 0.02, 0.52
HSL	320°, 2%, 47%
HSV	320°, 5%, 48%
XYZ	18.0824, 18.4187, 20.7931
YIQ	119.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

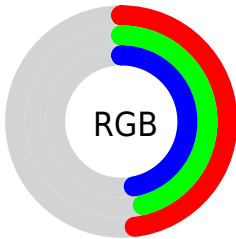
Format	Color
R_{YB}	123, 117, 121
Decimal	8091001
CIE Lab	50.00, 3.09, -1.38
CIE LCh	50, 3.381, 335.918
Yxy	18.4187, 0.3156, 0.3215
Android (android.graphics.Color)	4286281081 (0xFF7B7579)
YUV	119.2500, 0.8628, 3.2887
Hunter-Lab	42.9170, 0.1037, 1.3161

Details

The CIELCh color **50, 3.381, 335.918** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **51, 3.362, 155.417**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 3.168, 335.801**, and **30, 3.391, 330.858** is the 20% darker color. If you saturate the color by 10%, you get **46, 10.403, 336.667**, and if you desaturate by 10%, it is **54, 3.516, 155.413**.

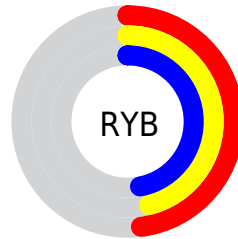
Distribution



Red (48%)

Green (46%)

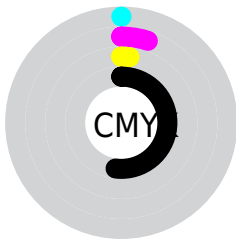
Blue (47%)



Red (48%)

Yellow (46%)

Blue (47%)

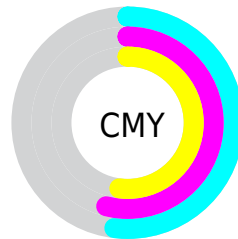


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (52%)



Cyan (52%)

Magenta (54%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 3.381, 335.918 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, 3.381, 335.918 by changing the saturation by 10% instead.

■ 50, 3.381, 335.918

■ 50, 3.381, 335.918

■ 100, 3.381,
335.918

■ 40, 3.381, 335.918

■ 70, 3.381, 335.918

■ 30, 3.381, 335.918

■ 80, 3.381, 335.918

■ 20, 3.381, 335.918

■ 90, 3.381, 335.918

■ 10, 3.381, 335.918

■ 0, 3.381, 335.918

■ 50, 3.381, 335.918

■ 50, 3.381, 335.918

■ 46, 10.403,
336.667

■ 54, 3.516, 155.413

■ 43, 17.482,
337.420

■ 57, 10.240,
154.754

40, 24.499,
338.224

61, 16.773,
154.169

37, 31.284,
339.096

65, 23.106,
153.622

34, 37.604,
340.056

68, 29.243,
153.110

31, 43.166,
341.136

72, 35.190,
152.628

29, 47.650,
342.382

76, 40.957,
152.174

28, 50.770,
343.856

79, 46.556,
151.747

27, 52.449,
345.619

83, 51.998,
151.345

Harmonies

Complementary

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



50, 3.381, 335.918



51, 3.362, 155.417

Rectangle

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



50, 3.381, 335.918



50, 3.381, 25.918



50, 3.381, 155.918



50, 3.381, 205.918

Sweetspot

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



50, 3.379, 335.923



66, 0.864, 335.397



50, 3.619, 303.290



34, 0.495, 335.365



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



50, 3.379, 335.923



63, 5.179, 336.025



50, 2.508, 6.092



24, 2.725, 336.040



27, 53.665, 346.583



56, 89.425, 347.931

Inverse Universe

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



50, 3.379, 335.923



63, 5.179, 336.025



51, 2.455, 185.576



24, 2.725, 336.040



27, 53.665, 346.583



56, 89.425, 347.931

Previews

White Background



This preview shows how the CIE LCh color 50, 3.381, 335.918 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 50, 3.381, 335.918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

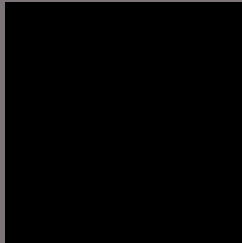
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 3.381, 335.918

Background



This preview shows how black text looks on a background with the CIELCh color 50, 3.381, 335.918.



This preview shows how white text looks on a background with the CIELCh color 50, 3.381, 335.918.

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, 3.381, 335.918

Protanopia

50, 2.488, 309.172

Deuteranopia

50, 7.001, 344.485



Tritanopia
50, 5.985, 318.415

Trichromacy



Original Color

50, 3.381, 335.918

Protanomaly

50, 2.647, 317.376

Deuteranomaly

50, 5.675, 341.893

Tritanomaly

50, 4.985, 324.701

Monochromacy



Original Color

50, 3.381, 335.918

Achromatopsia

50, 0.007, 296.813

Achromatomaly

50, 1.003, 343.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 3.381, 335.918 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(123, 117, 121)` looks like.

```
.text, #text, p{  
    color:rgb(123, 117, 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(123, 117, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 117, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 3.381, 335.918 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(123, 117, 121) }
```

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

```
.border{ border-color:rgb(123, 117, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 117, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 117, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 117, 121);  
box-shadow:4px 4px 4px 4px rgb(123, 117,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 3.381, 335.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 117, 121) }
```

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

```
.background{ background-color: rgb(123,  
117, 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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