

Converting Colors

CIELCh(50, 3.580, 152.200)

Have a look what the booklet for
CIELCh(50, 3.580, 152.200) contains.

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Color

CIELCh(50, 3.379, 155.401)

Conversions

Conversions Part 1

Format	Color
Hex	727874
RGB	114, 120, 116
RGB Percent	45%, 47%, 45%
CMY	0.5512, 0.5277, 0.5434
CMYK	0.05, 0.00, 0.03, 0.53
HSL	140°, 3%, 46%
HSV	140°, 5%, 47%
XYZ	16.9453, 18.4187, 19.3203
YIQ	117.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

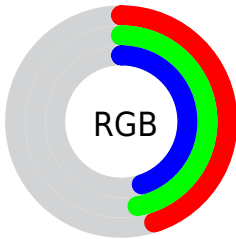
Format	Color
RYB	114, 119, 120
Decimal	7501940
CIELab	50.00, -3.07, 1.41
CIELCh	50, 3.379, 155.401
Yxy	18.4187, 0.3099, 0.3368
Android (android.graphics.Color)	4285692020 (0xFF727874)
YUV	117.7500, -0.8628, -3.2887
Hunter-Lab	42.9170, -4.6259, 3.3508

Details

The CIELCh color $50, 3.379, 155.401$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 3.398, 335.921$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 3.160, 155.524$, and $30, 3.699, 155.180$ is the 20% darker color. If you saturate the color by 10%, you get $49, 10.210, 154.615$, and if you desaturate by 10%, it is $51, 3.386, 335.905$.

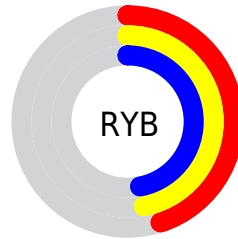
Distribution



Red (45%)

Green (47%)

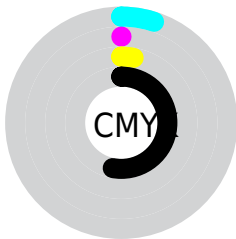
Blue (45%)



Red (45%)

Yellow (47%)

Blue (47%)

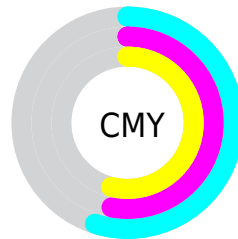


Cyan (5%)

Magenta (0%)

Yellow (3%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 3.379, 155.401 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, 3.379, 155.401 by changing the saturation by 10% instead.

■ 50, 3.379, 155.401

■ 50, 3.379, 155.401

■ 100, 3.379,
155.401

■ 40, 3.379, 155.401

■ 70, 3.379, 155.401

■ 30, 3.379, 155.401

■ 80, 3.379, 155.401

■ 20, 3.379, 155.401

■ 90, 3.379, 155.401

■ 10, 3.379, 155.401

■ 0, 3.379, 155.401

■ 50, 3.379, 155.401

■ 50, 3.379, 155.401

■ 49, 10.210,
154.615

■ 51, 3.386, 335.905

■ 48, 17.035,
153.773

■ 53, 10.039,
336.534

■ 47, 23.771,
152.821

■ 54, 16.543,
337.066

■ 46, 30.317,
151.735

■ 56, 22.875,
337.543

■ 45, 36.561,
150.497

■ 57, 29.020,
337.976

■ 45, 42.386,
149.090

■ 59, 34.974,
338.372

■ 44, 47.685,
147.506

■ 60, 40.735,
338.736

■ 44, 52.371,
145.753

■ 62, 46.307,
339.074

■ 44, 56.419,
143.889

■ 64, 51.697,
339.387

Harmonies

Complementary

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



50, 3.379, 155.401



49, 3.398, 335.921

Rectangle

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



50, 3.379, 155.401



50, 3.379, 205.401



50, 3.379, 335.401



50, 3.379, 25.401

Sweetspot

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



50, 3.380, 155.396



64, 0.829, 155.942



50, 3.587, 122.176



34, 0.475, 155.975



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, 3.380, 155.396



63, 5.019, 155.302



50, 2.484, 184.259



25, 2.711, 155.286



45, 59.988, 142.959



87, 103.712, 141.783

Inverse Universe

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



49, 3.398, 335.921



62, 5.045, 336.012



49, 2.536, 4.817



24, 2.725, 336.029



27, 53.673, 346.563



56, 89.439, 347.910

Previews

White Background



This preview shows how the CIELCh color 50, 3.379, 155.401 looks on a white background.

Color Contrast Check

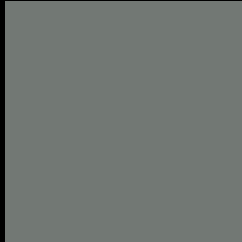
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.379, 155.401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

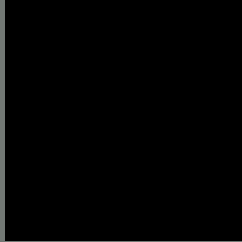
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

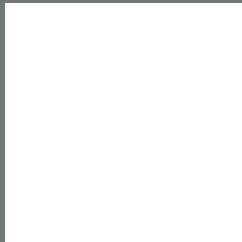
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 3.379, 155.401

Background



This preview shows how black text looks on a background with the CIELCh color 50, 3.379, 155.401.



This preview shows how white text looks on a background with the CIELCh color 50, 3.379, 155.401.

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, 3.379, 155.401

Protanopia

50, 2.382, 66.593

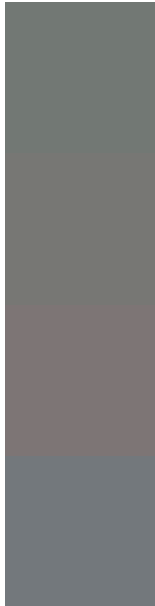
Deuteranopia

50, 6.791, 5.267



Tritanopia
50, 5.372, 278.369

Trichromacy



Original Color

50, 3.379, 155.401

Protanomaly

50, 1.745, 109.924

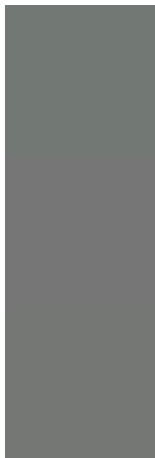
Deuteranomaly

50, 3.263, 19.663

Tritanomaly

50, 3.026, 250.093

Monochromacy



Original Color

50, 3.379, 155.401

Achromatopsia

50, 0.007, 296.813

Achromatomaly

50, 1.423, 144.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 3.379, 155.401 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(114, 120, 116)` looks like.

```
.text, #text, p{  
    color:rgb(114, 120, 116)  
}
```

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(114, 120, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 120, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 3.379, 155.401 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(114, 120, 116) }
```

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

```
.border{ border-color:rgb(114, 120, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 120, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 120, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 120, 116); box-shadow:4px 4px 4px 4px rgb(114, 120, 116) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 3.379, 155.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 120, 116) }
```

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

```
.background{ background-color: rgb(114,  
120, 116) }
```

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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