

Converting Colors

CIELCh(53, 3.712, 172.997)

Have a look what the booklet for
CIELCh(53, 3.712, 172.997) contains.

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Color

CIELCh(53, 3.370, 179.079)

Conversions

Conversions Part 1

Format	Color
Hex	78807E
RGB	120, 128, 126
RGB Percent	47%, 50%, 49%
CMY	0.5282, 0.4968, 0.5047
CMYK	0.06, 0.00, 0.02, 0.50
HSL	165°, 3%, 49%
HSV	165°, 6%, 50%
XYZ	19.3315, 21.0462, 22.8844
YIQ	125.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

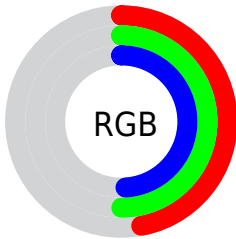
Format	Color
R_{YB}	120, 125, 128
Decimal	7897214
CIE Lab	53.00, -3.37, 0.05
CIE LCh	53, 3.370, 179.079
Yxy	21.0462, 0.3056, 0.3327
Android (android.graphics.Color)	4286087294 (0xFF78807E)
YUV	125.3800, 0.3057, -4.7183
Hunter-Lab	45.8761, -5.0659, 2.5376

Details

The CIELCh color **53, 3.370, 179.079** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **51, 3.443, 359.957**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 3.513, 181.264**, and **33, 3.267, 176.298** is the 20% darker color. If you saturate the color by 10%, you get **52, 8.688, 178.091**, and if you desaturate by 10%, it is **54, 2.051, 359.645**.

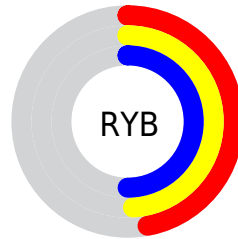
Distribution



Red (47%)

Green (50%)

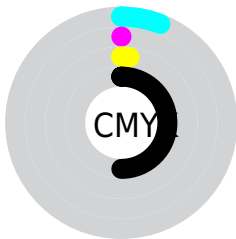
Blue (49%)



Red (47%)

Yellow (49%)

Blue (50%)

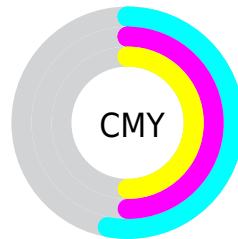


Cyan (6%)

Magenta (0%)

Yellow (2%)

Black (50%)



Cyan (53%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 3.370, 179.079 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 53, 3.370, 179.079 by changing the saturation by 10% instead.

■ 53, 3.370, 179.079

■ 53, 3.370, 179.079

■ 100, 3.370,
179.079

■ 43, 3.370, 179.079

■ 73, 3.370, 179.079

■ 33, 3.370, 179.079

■ 83, 3.370, 179.079

■ 23, 3.370, 179.079

■ 93, 3.370, 179.079

■ 13, 3.370, 179.079

■ 3, 3.370, 179.079

■ 0, 3.370, 179.079

■ 53, 3.370, 179.079

■ 53, 3.370, 179.079

■ 52, 8.688, 178.091

■ 54, 2.051, 359.645

■ 51, 13.831,

■ 55, 7.519, 0.591

177.109

57, 12.986, 1.395

50, 18.721,
176.066

58, 18.416, 2.156

49, 23.274,
174.941

60, 23.781, 2.885

61, 29.063, 3.586

49, 27.407,
173.713

63, 34.249, 4.262

48, 31.048,
172.362

65, 39.332, 4.914

66, 44.307, 5.544

48, 34.144,
170.865

48, 36.677,
169.203

48, 38.716,
167.396

Harmonies

Complementary

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



53, 3.370, 179.079



51, 3.443, 359.957

Rectangle

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



53, 3.370, 179.079



53, 3.370, 229.079



53, 3.370, 359.079



53, 3.370, 49.079

Sweetspot

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



53, 3.371, 179.064



68, 1.334, 179.647



53, 5.206, 136.549



36, 0.764, 179.684



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



53, 3.371, 179.064



67, 4.660, 178.969



53, 2.615, 223.805



26, 2.422, 178.958



47, 39.271, 166.754



0, 0.000, 0.000

Inverse Universe

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



51, 3.443, 359.957



65, 4.773, 0.057



52, 2.706, 43.054



25, 2.481, 0.069



26, 53.175, 23.486



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 53, 3.370, 179.079 looks on a white background.

Color Contrast Check

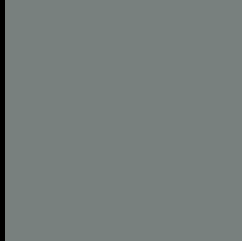
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 3.370, 179.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

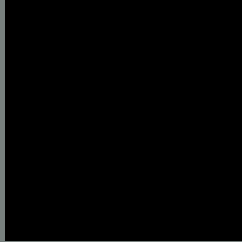
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

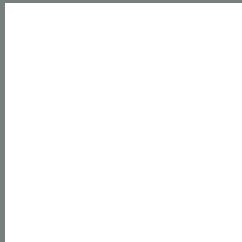
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 3.370, 179.079

Background



This preview shows how black text looks on a background with the CIELCh color 53, 3.370, 179.079.



This preview shows how white text looks on a background with the CIELCh color 53, 3.370, 179.079.

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

53, 3.370, 179.079

Protanopia

53, 1.325, 44.999

Deuteranopia

53, 7.076, 356.126



Tritanopia
53, 6.054, 272.549

Trichromacy



Original Color
53, 3.370, 179.079

Protanomaly
53, 1.220, 129.073

Deuteranomaly
53, 3.656, 351.415

Tritanomaly
53, 4.135, 256.608

Monochromacy



Original Color
53, 3.370, 179.079

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 1.326, 173.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 3.370, 179.079 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(120, 128, 126)` looks like.

```
.text, #text, p{  
    color:rgb(120, 128, 126)  
}
```

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(120, 128, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 128, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 3.370, 179.079 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(120, 128, 126) }
```

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

```
.border{ border-color:rgb(120, 128, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 128, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 128, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 128, 126);  
box-shadow:4px 4px 4px 4px rgb(120, 128,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 3.370, 179.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 128, 126) }
```

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

```
.background{ background-color: rgb(120,  
128, 126) }
```

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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