

Converting Colors

CIELCh(53, 16.326, 197.989)

Have a look what the booklet for
CIELCh(53, 16.326, 197.989)
contains.

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Color

CIELCh(53, 16.347, 197.801)

Conversions

Conversions Part 1

Format	Color
Hex	598787
RGB	89, 135, 135
RGB Percent	35%, 53%, 53%
CMY	0.6527, 0.4723, 0.4723
CMYK	0.34, 0.00, 0.00, 0.47
HSL	180°, 21%, 44%
HSV	180°, 34%, 53%
XYZ	17.0247, 21.0462, 25.9266
YIQ	121.2460, -27.4160, -9.7520

Conversions

Conversions Part 2

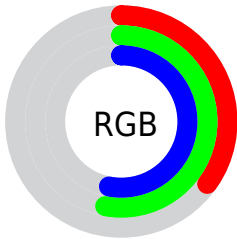
Format	Color
R_{YB}	89, 112, 135
Decimal	5867399
CIE _{Lab}	53.00, -15.56, -5.00
CIE _{LCh}	53, 16.347, 197.801
Yxy	21.0462, 0.2660, 0.3289
Android (android.graphics.Color)	4284057479 (0xFF598787)
YUV	121.2460, 6.7807, -28.2797
Hunter-Lab	45.8761, -14.0415, -1.3941

Details

The CIELCh color `53, 16.347, 197.801` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `43, 20.536, 22.291`, and the grayscale version is `51, 0.007, 296.813`.

A 20% lighter version of the original color is `73, 16.212, 198.163`, and `33, 16.380, 197.183` is the 20% darker color. If you saturate the color by 10%, you get `52, 20.228, 197.418`, and if you desaturate by 10%, it is `54, 11.994, 198.233`.

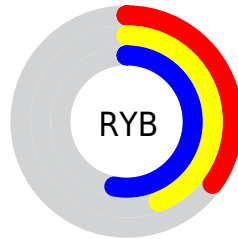
Distribution



Red (35%)

Green (53%)

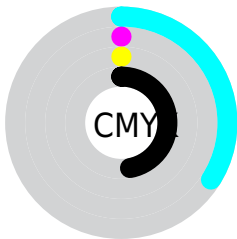
Blue (53%)



Red (35%)

Yellow (44%)

Blue (53%)

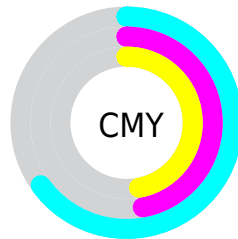


Cyan (34%)

Magenta (0%)

Yellow (0%)

Black (47%)



Cyan (65%)


Magenta (47%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 16.347, 197.801 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, 16.347, 197.801 by changing the saturation by 10% instead.


 53, 16.347,
197.801


 53, 16.347,
197.801


 100, 16.347,
197.801


 43, 16.347,
197.801


 73, 16.347,
197.801

 33, 16.347,
197.801

 83, 16.347,
197.801

 23, 16.347,
197.801

 93, 16.347,
197.801

 13, 16.347,
197.801

 3, 16.347, 197.801

 0, 16.347, 197.801

■ 53, 16.347,
197.801

■ 53, 16.347,
197.801

■ 52, 20.228,
197.418

■ 54, 11.994,
198.233

■ 52, 23.565,
197.098

■ 55, 7.248, 198.728

■ 51, 26.303,
196.839

■ 56, 2.188, 199.371

■ 57, 3.112, 19.594

■ 51, 28.408,
196.643

■ 58, 8.585, 20.247

■ 51, 29.881,
196.506

■ 59, 14.175, 20.852

■ 61, 19.834, 21.458

■ 51, 30.766,
196.425

■ 62, 25.524, 22.067

■ 51, 31.169,
196.388

■ 64, 31.216, 22.676

Harmonies

Complementary

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



53, 16.347, 197.801



43, 20.536, 22.291

Rectangle

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



53, 16.347, 197.801



53, 16.347, 247.801



53, 16.347, 17.801



53, 16.347, 67.801

Sweetspot

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



53, 16.347, 197.798



71, 6.430, 198.947



52, 32.391, 142.076



37, 4.408, 198.877



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



53, 16.347, 197.798



67, 23.615, 197.499



46, 15.582, 260.746



28, 2.886, 199.013



49, 30.409, 196.388



1, 0.707, 199.423

Inverse Universe

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



44, 32.371, 326.220



54, 47.980, 326.597



49, 17.087, 71.313



26, 5.272, 324.901



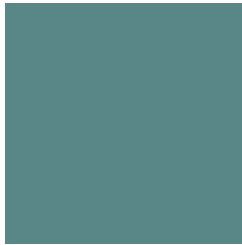
30, 70.124, 328.233



0, 1.256, 324.439

Previews

White Background



This preview shows how the CIELCh color 53, 16.347, 197.801 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 CIELCh color 53, 16.347, 197.801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

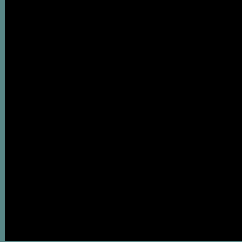
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 16.347, 197.801

Background



This preview shows how black text looks on a background with the CIELCh color 53, 16.347, 197.801.



This preview shows how white text looks on a background with the CIELCh color 53, 16.347, 197.801.

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, 16.347, 197.801

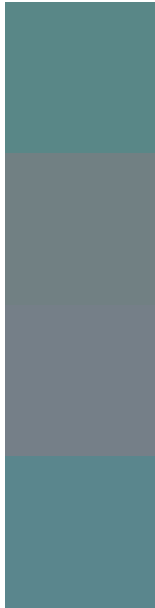
Protanopia
53, 2.463, 309.163

Deuteranopia
53, 9.040, 316.583



Tritanopia
53, 15.614, 222.369

Trichromacy



Original Color
53, 16.347, 197.801

Protanomaly
52, 5.949, 215.950

Deuteranomaly
53, 6.369, 254.334

Tritanomaly
53, 15.712, 213.032

Monochromacy



Original Color
53, 16.347, 197.801

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 6.549, 198.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 16.347, 197.801 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(89, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(89, 135, 135)  
}
```

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(89, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 135, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 16.347, 197.801 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(89, 135, 135) }
```

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

```
.border{ border-color:rgb(89, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(89, 135,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 16.347, 197.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 135, 135) }
```

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

```
.background{ background-color: rgb(89, 135,  
135) }
```

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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