

Converting Colors

CIELCh(53, 58.842, 288.923)

Have a look what the booklet for
CIELCh(53, 58.842, 288.923)
contains.

CIELCh(53, 58.966, 288.879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(53, 58.966, 288.879)

Conversions

Conversions Part 1

Format	Color
Hex	5779DF
RGB	87, 121, 223
RGB Percent	34%, 47%, 87%
CMY	0.6586, 0.5253, 0.1253
CMYK	0.61, 0.46, 0.00, 0.13
HSL	225°, 68%, 61%
HSV	225°, 61%, 87%
XYZ	24.1059, 21.0462, 72.6426
YIQ	122.4620, -53.0060, 24.5140

Conversions

Conversions Part 2

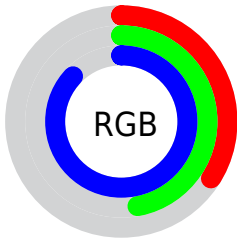
Format	Color
R _Y B	87, 114, 223
Decimal	5732831
CIE Lab	53.00, 19.08, -55.79
CIE LCh	53, 58.966, 288.879
Yxy	21.0462, 0.2046, 0.1787
Android (android.graphics.Color)	4283922911 (0xFF5779DF)
YUV	122.4620, 49.5652, -31.1002
Hunter-Lab	45.8761, 13.5106, -61.7696

Details

The CIELCh color **53, 58.966, 288.879** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **78, 54.888, 89.473**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 44.961, 284.788**, and **33, 58.989, 289.306** is the 20% darker color. If you saturate the color by 10%, you get **48, 69.715, 291.876**, and if you desaturate by 10%, it is **59, 48.549, 286.195**.

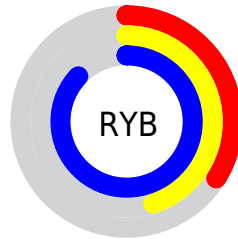
Distribution



Red (34%)

Green (47%)

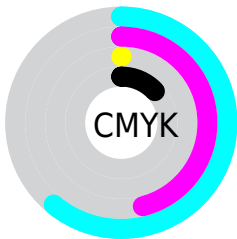
Blue (87%)



Red (34%)

Yellow (45%)

Blue (87%)

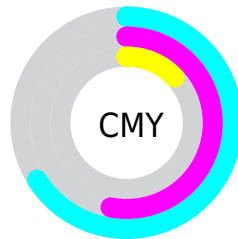


Cyan (61%)

Magenta (46%)

Yellow (0%)

Black (13%)



Cyan (66%)


Magenta (53%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 58.966, 288.879 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, 58.966, 288.879 by changing the saturation by 10% instead.


 53, 58.966,
288.879


 53, 58.966,
288.879


 100, 58.966,
288.879


 43, 58.966,
288.879


 73, 58.966,
288.879

 33, 58.966,
288.879

 83, 58.966,
288.879

 23, 58.966,
288.879

 93, 58.966,
288.879

 13, 58.966,
288.879

 3, 58.966, 288.879

 0, 58.966, 288.879

■ 53, 58.966,
288.879

■ 53, 58.966,
288.879

■ 48, 69.715,
291.876

■ 59, 48.549,
286.195

■ 42, 80.700,
295.083

■ 65, 38.465,
283.851

■ 38, 91.604,
298.311

■ 70, 28.683,
281.833

■ 34, 100.875,
300.978


■ 76, 19.172,
280.107

■ 82, 9.907, 278.638

■ 88, 0.872, 277.582

■ 94, 7.947, 96.231

■ 99, 16.110,
108.830

 99, 16.159,
108.956

Harmonies

Complementary

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



53, 58.966, 288.879



78, 54.888, 89.473

Rectangle

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



53, 58.966, 288.879



53, 58.966, 338.879



53, 58.966, 108.879



53, 58.966, 158.879

Sweetspot

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



53, 58.966, 288.880



88, 18.282, 279.666



81, 45.338, 172.744



45, 12.750, 280.123



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 58.966, 288.880



53, 80.251, 292.689



47, 79.588, 305.369



44, 5.146, 278.436



27, 83.229, 300.502



4, 26.195, 289.821

Inverse Universe

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



56, 56.530, 9.190



59, 73.756, 13.333



84, 68.274, 116.386



44, 4.983, 0.364



37, 68.087, 25.259



6, 25.297, 10.240

Previews

White Background



This preview shows how the CIELCh color 53, 58.966, 288.879 looks on a white background.

Color Contrast Check

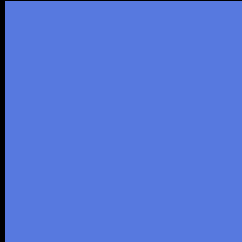
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58.966, 288.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

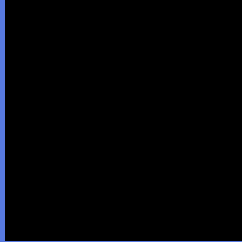
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 58.966, 288.879

Background



This preview shows how black text looks on a background with the CIELCh color 53, 58.966, 288.879.



This preview shows how white text looks on a background with the CIELCh color 53, 58.966, 288.879.

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, 58.966, 288.879

Protanopia

53, 59.097, 286.696

Deuteranopia

53, 55.055, 278.349



Tritanopia
53, 25.705, 211.626

Trichromacy



Original Color
53, 58.966, 288.879

Protanomaly
53, 59.065, 287.488

Deuteranomaly
53, 56.807, 282.225

Tritanomaly
53, 30.511, 255.740

Monochromacy



Original Color
53, 58.966, 288.879

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 21.779, 281.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 58.966, 288.879 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(87, 121, 223)` looks like.

```
.text, #text, p{  
    color:rgb(87, 121, 223)  
}
```

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(87, 121, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 121, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 58.966, 288.879 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(87, 121, 223) }
```

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

```
.border{ border-color:rgb(87, 121, 223) }
```

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

Here you see how a box with a 4 pixel rgb(87, 121, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 121, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 121, 223);  
box-shadow:4px 4px 4px 4px rgb(87, 121,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 58.966, 288.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 121, 223) }
```

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

```
.background{ background-color: rgb(87, 121,  
223) }
```

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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