

Converting Colors

CIELCh(53, 60.257, 288.994)

Have a look what the booklet for
CIELCh(53, 60.257, 288.994)
contains.

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Color

CIELCh(53, 60.092, 289.010)

Conversions

Conversions Part 1

Format	Color
Hex	5679E1
RGB	86, 121, 225
RGB Percent	34%, 47%, 88%
CMY	0.6633, 0.5259, 0.1182
CMYK	0.62, 0.46, 0.00, 0.12
HSL	225°, 70%, 61%
HSV	225°, 62%, 88%
XYZ	24.2190, 21.0462, 73.9231
YIQ	122.3910, -54.2440, 24.9240

Conversions

Conversions Part 2

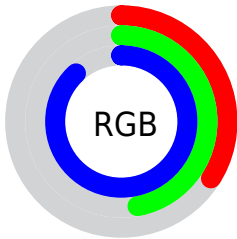
Format	Color
R _Y B	86, 114, 225
Decimal	5667297
CIE Lab	53.00, 19.57, -56.81
CIE LCh	53, 60.092, 289.010
Yxy	21.0462, 0.2032, 0.1766
Android (android.graphics.Color)	4283857377 (0xFF5679E1)
YUV	122.3910, 50.5862, -31.9149
Hunter-Lab	45.8761, 13.9507, -63.4244

Details

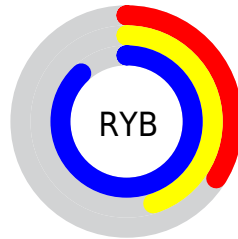
The CIELCh color **53, 60.092, 289.010** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **78, 55.882, 89.196**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 44.961, 284.788**, and **33, 60.148, 289.758** is the 20% darker color. If you saturate the color by 10%, you get **48, 70.903, 292.038**, and if you desaturate by 10%, it is **59, 49.612, 286.291**.

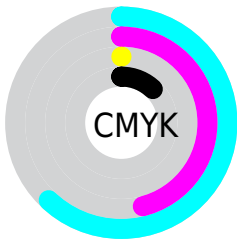
Distribution



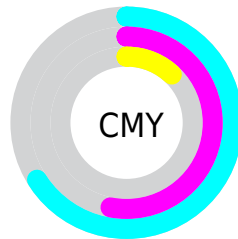
- Red (34%)
- Green (47%)
- Blue (88%)



- Red (34%)
- Yellow (45%)
- Blue (88%)



- Cyan (62%)
- Magenta (46%)
- Yellow (0%)
- Black (12%)





- Cyan (66%)
- Magenta (53%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 60.092, 289.010 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, 60.092, 289.010 by changing the saturation by 10% instead.


 53, 60.092,
289.010


 53, 60.092,
289.010


 100, 60.092,
289.010


 43, 60.092,
289.010


 73, 60.092,
289.010

 33, 60.092,
289.010

 83, 60.092,
289.010

 23, 60.092,
289.010

 93, 60.092,
289.010

 13, 60.092,
289.010

 3, 60.092, 289.010

 0, 60.092, 289.010

■ 53, 60.092,
289.010

■ 53, 60.092,
289.010

■ 48, 70.903,
292.038

■ 59, 49.612,
286.291

■ 42, 81.936,
295.266

■ 65, 39.466,
283.912

■ 38, 92.856,
298.497

■ 71, 29.624,
281.863

■ 35, 101.269,
300.909

■ 76, 20.055,
280.111

■ 82, 10.733,
278.618

■ 88, 1.640, 277.436

■ 94, 7.235, 96.174

■ 99, 15.246,
109.025

Harmonies

Complementary

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



53, 60.092, 289.010



78, 55.882, 89.196

Rectangle

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



53, 60.092, 289.010



53, 60.092, 339.010



53, 60.092, 109.010



53, 60.092, 159.010

Sweetspot

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



53, 60.092, 289.011



87, 19.275, 279.685



81, 46.805, 171.311



45, 13.313, 280.142



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, 60.092, 289.011



52, 81.231, 292.896



47, 81.314, 305.058



44, 5.134, 278.299



27, 83.005, 300.416



4, 26.146, 289.754

Inverse Universe

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



56, 57.645, 9.280



58, 74.539, 13.552



85, 69.318, 115.611



44, 4.987, 0.213



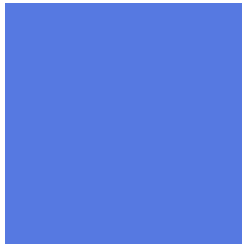
37, 68.005, 25.085



6, 25.298, 10.140

Previews

White Background



This preview shows how the CIE LCh color 53, 60.092, 289.010 looks on a white background.

Color Contrast Check

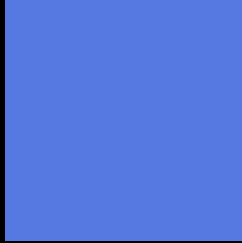
Large Text (above 18pt) WCAG AA ✓ Pass

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, 60.092, 289.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

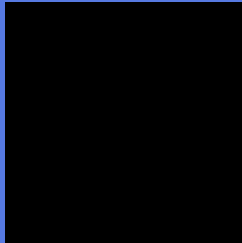
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 60.092, 289.010

Background



This preview shows how black text looks on a background with the CIELCh color 53, 60.092, 289.010.



This preview shows how white text looks on a background with the CIELCh color 53, 60.092, 289.010.

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, 60.092, 289.010

Protanopia

53, 60.286, 286.994

Deuteranopia

53, 56.254, 278.302



Tritanopia
53, 26.365, 211.201

Trichromacy



Original Color
53, 60.092, 289.010

Protanomaly
53, 60.187, 287.670

Deuteranomaly
53, 58.008, 282.078

Tritanomaly
53, 31.228, 255.675

Monochromacy



Original Color
53, 60.092, 289.010

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 21.833, 281.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 60.092, 289.010 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(86, 121, 225)` looks like.

```
.text, #text, p{  
    color:rgb(86, 121, 225)  
}
```

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(86, 121, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 121, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 60.092, 289.010 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(86, 121, 225) }
```

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

```
.border{ border-color:rgb(86, 121, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 121, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 121, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 121, 225);  
box-shadow:4px 4px 4px 4px rgb(86, 121,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 60.092, 289.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 121, 225) }
```

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

```
.background{ background-color: rgb(86, 121,  
225) }
```

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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