

Converting Colors

CIELCh(53, 73.616, 289.709)

Have a look what the booklet for
CIELCh(53, 73.616, 289.709)
contains.

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Color

CIELCh(53, 73.813, 289.846)

Conversions

Conversions Part 1

Format	Color
Hex	3F77F7
RGB	63, 119, 247
RGB Percent	25%, 47%, 97%
CMY	0.7547, 0.5321, 0.0300
CMYK	0.75, 0.52, 0.00, 0.03
HSL	222°, 92%, 61%
HSV	222°, 75%, 97%
XYZ	25.4981, 21.0462, 91.0072
YIQ	116.8480, -74.4640, 27.9360

Conversions

Conversions Part 2

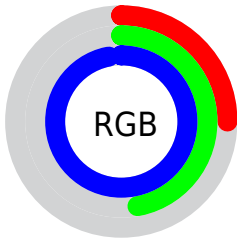
Format	Color
R _Y B	63, 106, 247
Decimal	4159479
CIE Lab	53.00, 25.06, -69.43
CIE LCh	53, 73.813, 289.846
Yxy	21.0462, 0.1854, 0.1530
Android (android.graphics.Color)	4282349559 (0xFF3F77F7)
YUV	116.8480, 64.1649, -47.2247
Hunter-Lab	45.8761, 18.9277, -85.5039

Details

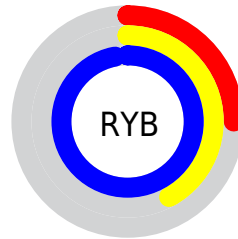
The CIELCh color **53, 73.813, 289.846** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **80, 69.076, 82.815**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 46.540, 281.756**, and **35, 72.839, 293.922** is the 20% darker color. If you saturate the color by 10%, you get **48, 84.778, 293.364**, and if you desaturate by 10%, it is **59, 63.099, 286.544**.

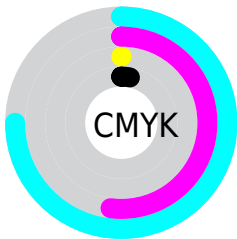
Distribution



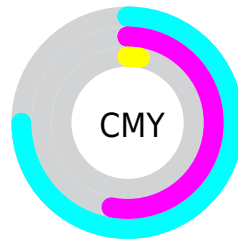
- Red (25%)
- Green (47%)
- Blue (97%)



- Red (25%)
- Yellow (42%)
- Blue (97%)



- Cyan (75%)
- Magenta (52%)
- Yellow (0%)
- Black (3%)





- Cyan (75%)
- Magenta (53%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 73.813, 289.846 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, 73.813, 289.846 by changing the saturation by 10% instead.


 53, 73.813,
289.846


 53, 73.813,
289.846


 100, 73.813,
289.846


 43, 73.813,
289.846


 73, 73.813,
289.846


 33, 73.813,
289.846


 83, 73.813,
289.846

 23, 73.813,
289.846

 93, 73.813,
289.846

 13, 73.813,
289.846

 3, 73.813, 289.846

 0, 73.813, 289.846

■ 53, 73.813,
289.846

■ 53, 73.813,
289.846

■ 48, 84.778,
293.364

■ 59, 63.099,
286.544

■ 43, 95.750,
296.888

■ 64, 52.695,
283.571

■ 41, 101.403,
298.622

■ 70, 42.580,
280.967

■ 76, 32.713,
278.724

■ 82, 23.060,
276.807

■ 88, 13.601,
275.175

■ 94, 4.324, 273.813

■ 100, 3.862,
109.870

Harmonies

Complementary

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



53, 73.813, 289.846



80, 69.076, 82.815

Rectangle

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



53, 73.813, 289.846



53, 73.813, 339.846



53, 73.813, 109.846



53, 73.813, 159.846

Sweetspot

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



53, 73.813, 289.847



86, 20.986, 276.344



88, 60.540, 165.367



44, 14.137, 276.814



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, 73.813, 289.847



47, 92.877, 295.293



42, 106.575, 305.570



49, 5.274, 274.428



31, 81.346, 298.048



7, 31.805, 292.703

Inverse Universe

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



57, 72.876, 9.269



55, 83.701, 16.181



92, 85.627, 112.987



49, 5.593, 356.319



40, 69.723, 20.558



9, 30.551, 11.550

Previews

White Background



This preview shows how the CIE LCh color 53, 73.813, 289.846 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, 73.813, 289.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

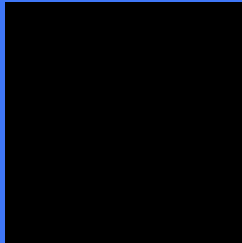
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

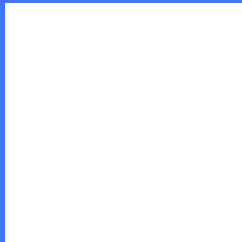
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 73.813, 289.846

Background



This preview shows how black text looks on a background with the CIELCh color 53, 73.813, 289.846.

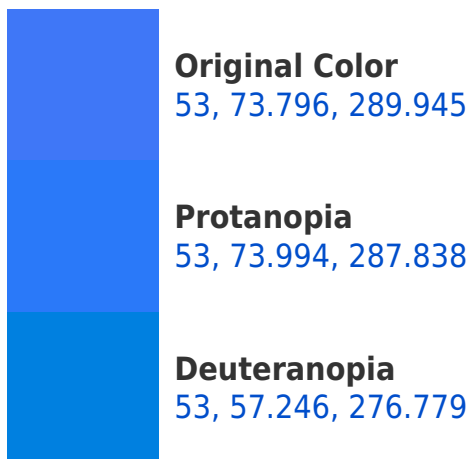


This preview shows how white text looks on a background with the CIELCh color 53, 73.813, 289.846.

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





Tritanopia
53, 31.011, 207.525

Trichromacy



Original Color
53, 73.796, 289.945

Protanomaly
53, 73.959, 288.522

Deuteranomaly
53, 62.833, 281.482

Tritanomaly
52, 37.083, 254.971

Monochromacy



Original Color
53, 73.796, 289.945

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 27.480, 279.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 73.813, 289.846 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(63, 119, 247)` looks like.

```
.text, #text, p{  
    color:rgb(63, 119, 247)  
}
```

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(63, 119, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 119, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 73.813, 289.846 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(63, 119, 247) }
```

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

```
.border{ border-color:rgb(63, 119, 247) }
```

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

Here you see how a box with a 4 pixel rgb(63, 119, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 119, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 119, 247);  
box-shadow:4px 4px 4px 4px rgb(63, 119,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 73.813, 289.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 119, 247) }
```

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

```
.background{ background-color: rgb(63, 119,  
247) }
```

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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