

Converting Colors

CIELCh(53, 72.041, 289.097)

Have a look what the booklet for
CIELCh(53, 72.041, 289.097)
contains.

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Color

CIELCh(53, 72.141, 289.097)

Conversions

Conversions Part 1

Format	Color
Hex	3D78F5
RGB	61, 120, 245
RGB Percent	24%, 47%, 96%
CMY	0.7602, 0.5291, 0.0389
CMYK	0.75, 0.51, 0.00, 0.04
HSL	221°, 90%, 60%
HSV	221°, 75%, 96%
XYZ	25.1541, 21.0462, 89.1958
YIQ	116.6090, -75.2890, 26.3670

Conversions

Conversions Part 2

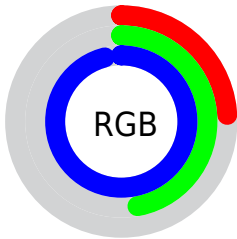
Format	Color
R _Y B	61, 106, 245
Decimal	4028661
CIE Lab	53.00, 23.60, -68.17
CIE LCh	53, 72.141, 289.097
Yxy	21.0462, 0.1858, 0.1554
Android (android.graphics.Color)	4282218741 (0xFF3D78F5)
YUV	116.6090, 63.2968, -48.7691
Hunter-Lab	45.8761, 17.5892, -83.1628

Details

The CIELCh color **53, 72.141, 289.097** 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 **79, 68.429, 81.650**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 46.118, 280.564**, and **35, 71.044, 293.272** is the 20% darker color. If you saturate the color by 10%, you get **48, 82.778, 292.675**, and if you desaturate by 10%, it is **58, 61.759, 285.745**.

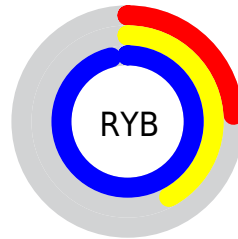
Distribution



Red (24%)

Green (47%)

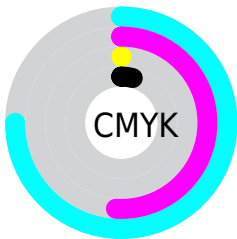
Blue (96%)



Red (24%)

Yellow (42%)

Blue (96%)

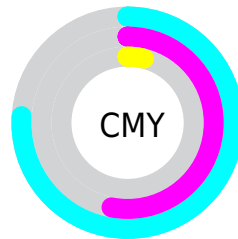


Cyan (75%)

Magenta (51%)

Yellow (0%)

Black (4%)



Cyan (76%)


Magenta (53%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 72.141, 289.097 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, 72.141, 289.097 by changing the saturation by 10% instead.


 53, 72.141,
289.097


 53, 72.141,
289.097


 100, 72.141,
289.097


 43, 72.141,
289.097


 73, 72.141,
289.097

 33, 72.141,
289.097

 83, 72.141,
289.097

 23, 72.141,
289.097

 93, 72.141,
289.097

 13, 72.141,
289.097

 3, 72.141, 289.097

 0, 72.141, 289.097

■ 53, 72.141,
289.097

■ 53, 72.141,
289.097

■ 48, 82.778,
292.675

■ 58, 61.759,
285.745

■ 43, 93.466,
296.271

■ 64, 51.671,
282.730

■ 41, 98.662,
297.935

■ 70, 41.848,
280.092

■ 76, 32.249,
277.820

■ 82, 22.841,
275.878

■ 88, 13.605,
274.226

■ 94, 4.532, 272.845

■ 99, 4.210, 101.806

100, 5.013,
109.788

Harmonies

Complementary

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



53, 72.141, 289.097



79, 68.429, 81.650

Rectangle

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



53, 72.141, 289.097



53, 72.141, 339.097



53, 72.141, 109.097



53, 72.141, 159.097

Sweetspot

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



53, 72.141, 289.098



86, 21.619, 275.526



87, 61.330, 164.123



44, 15.011, 276.172



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, 72.141, 289.098



47, 90.978, 294.537



42, 106.378, 305.324



48, 5.110, 273.420



31, 78.845, 297.327



7, 29.976, 291.401

Inverse Universe

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



56, 72.551, 8.293



55, 83.391, 14.999



92, 85.036, 112.165



48, 5.536, 355.411



39, 68.596, 19.284



9, 29.641, 9.885

Previews

White Background



This preview shows how the CIE LCh color 53, 72.141, 289.097 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, 72.141, 289.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

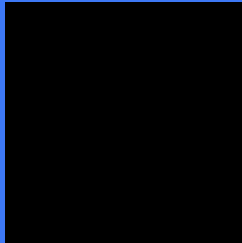
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

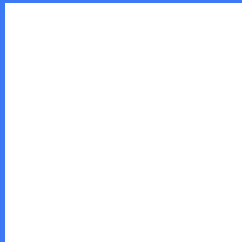
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 72.141, 289.097

Background



This preview shows how black text looks on a background with the CIELCh color 53, 72.141, 289.097.



This preview shows how white text looks on a background with the CIELCh color 53, 72.141, 289.097.

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

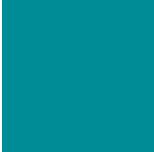
53, 72.141, 289.097

Protanopia

53, 72.295, 287.750

Deuteranopia

53, 57.246, 276.779



Tritanopia
53, 31.011, 207.525

Trichromacy



Original Color
53, 72.141, 289.097

Protanomaly
53, 72.215, 288.158

Deuteranomaly
53, 62.844, 281.434

Tritanomaly
52, 36.815, 253.824

Monochromacy



Original Color
53, 72.141, 289.097

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, 72.141, 289.097 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(61, 120, 245)` looks like.

```
.text, #text, p{  
    color:rgb(61, 120, 245)  
}
```

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(61, 120, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 120, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 72.141, 289.097 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(61, 120, 245) }
```

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

```
.border{ border-color:rgb(61, 120, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 120, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 120, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 120, 245);  
box-shadow:4px 4px 4px 4px rgb(61, 120,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 72.141, 289.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 120, 245) }
```

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

```
.background{ background-color: rgb(61, 120,  
245) }
```

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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