

Converting Colors

CIELCh(53, 54.873, 288.761)

Have a look what the booklet for
CIELCh(53, 54.873, 288.761)
contains.

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Color

CIELCh(53, 54.949, 289.017)

Conversions

Conversions Part 1

Format	Color
Hex	5D79D8
RGB	93, 121, 216
RGB Percent	36%, 47%, 85%
CMY	0.6342, 0.5246, 0.1519
CMYK	0.57, 0.44, 0.00, 0.15
HSL	226°, 61%, 61%
HSV	226°, 57%, 85%
XYZ	23.8385, 21.0462, 67.9539
YIQ	123.4580, -47.1830, 23.6090

Conversions

Conversions Part 2

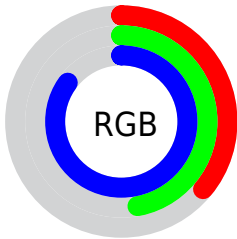
Format	Color
R_{YB}	93, 116, 216
Decimal	6126040
CIE _{Lab}	53.00, 17.91, -51.95
CIE _{LCh}	53, 54.949, 289.017
Yxy	21.0462, 0.2113, 0.1865
Android (android.graphics.Color)	4284316120 (0xFF5D79D8)
YUV	123.4580, 45.6232, -26.7117
Hunter-Lab	45.8761, 12.4702, -55.7099

Details

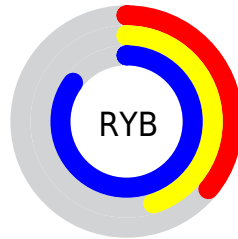
The CIELCh color $53, 54.949, 289.017$ is a dark color, and the websafe version is hex $3366CC$. The color can be described as middle muted azure. A complement of this color would be $77, 50.979, 91.683$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 44.828, 286.162$, and $33, 54.707, 288.964$ is the 20% darker color. If you saturate the color by 10%, you get $47, 65.680, 291.828$, and if you desaturate by 10%, it is $59, 44.567, 286.523$.

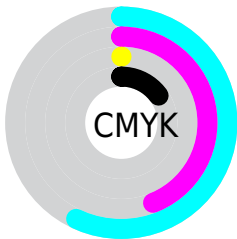
Distribution



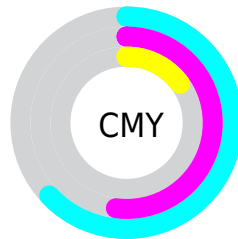
- Red (36%)
- Green (47%)
- Blue (85%)



- Red (36%)
- Yellow (45%)
- Blue (85%)



- Cyan (57%)
- Magenta (44%)
- Yellow (0%)
- Black (15%)




- Cyan (63%)
- Magenta (52%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 54.949, 289.017 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, 54.949, 289.017 by changing the saturation by 10% instead.

 53, 54.949,
289.017


 53, 54.949,
289.017


 100, 54.949,
289.017


 43, 54.949,
289.017


 73, 54.949,
289.017

 33, 54.949,
289.017

 83, 54.949,
289.017

 23, 54.949,
289.017

 93, 54.949,
289.017

 13, 54.949,
289.017

 3, 54.949, 289.017

 0, 54.949, 289.017

■ 53, 54.949,
289.017

■ 53, 54.949,
289.017

■ 47, 65.680,
291.828

■ 59, 44.567,
286.523

■ 42, 76.686,
294.881

■ 65, 34.529,
284.358

■ 37, 87.699,
298.014

■ 71, 24.803,
282.498

■ 33, 98.117,
300.973

■ 76, 15.359,
280.911


■ 32, 101.142,
301.781

■ 82, 6.174, 279.566

■ 88, 2.769, 98.300

■ 94, 11.483, 97.340

■ 99, 19.544,
108.624

 99, 19.578,
108.696

Harmonies

Complementary

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



53, 54.949, 289.017



77, 50.979, 91.683

Rectangle

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



53, 54.949, 289.017



53, 54.949, 339.017



53, 54.949, 109.017



53, 54.949, 159.017

Sweetspot

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



53, 54.948, 289.018



89, 17.703, 280.954



79, 41.361, 174.663



46, 11.873, 281.257



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, 54.948, 289.018



55, 76.565, 292.354



49, 72.128, 305.351



42, 5.080, 279.886



25, 83.596, 301.324



4, 23.304, 288.225

Inverse Universe

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



56, 51.542, 9.795



60, 69.672, 13.320



82, 62.916, 117.272



42, 4.751, 2.021



36, 67.462, 26.979



5, 22.100, 9.666

Previews

White Background



This preview shows how the CIE LCh color 53, 54.949, 289.017 looks on a white background.

Color Contrast Check

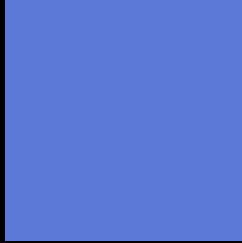
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.949, 289.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

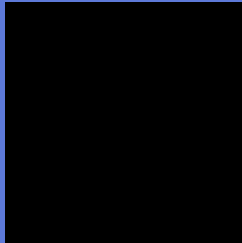
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 54.949, 289.017

Background



This preview shows how black text looks on a background with the CIELCh color 53, 54.949, 289.017.



This preview shows how white text looks on a background with the CIELCh color 53, 54.949, 289.017.

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, 54.949, 289.017

Protanopia

53, 55.100, 286.468

Deuteranopia

53, 51.951, 279.313



Tritanopia
53, 22.791, 213.781

Trichromacy



Original Color
53, 54.949, 289.017

Protanomaly
53, 55.058, 287.388

Deuteranomaly
53, 52.651, 282.562

Tritanomaly
53, 28.342, 258.417

Monochromacy



Original Color
53, 54.949, 289.017

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 20.517, 282.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 54.949, 289.017 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(93, 121, 216)` looks like.

```
.text, #text, p{  
    color:rgb(93, 121, 216)  
}
```

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(93, 121, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 121, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 54.949, 289.017 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(93, 121, 216) }
```

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

```
.border{ border-color:rgb(93, 121, 216) }
```

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

Here you see how a box with a 4 pixel rgb(93, 121, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 121, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 121, 216);  
box-shadow:4px 4px 4px 4px rgb(93, 121,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 54.949, 289.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 121, 216) }
```

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

```
.background{ background-color: rgb(93, 121,  
216) }
```

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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