

Converting Colors

CIELCh(55, 65.690, 289.211)

Have a look what the booklet for
CIELCh(55, 65.690, 289.211)
contains.

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Color

CIELCh(55, 65.949, 289.382)

Conversions

Conversions Part 1

Format	Color
Hex	547DF0
RGB	84, 125, 240
RGB Percent	33%, 49%, 94%
CMY	0.6694, 0.5089, 0.0578
CMYK	0.65, 0.48, 0.00, 0.06
HSL	224°, 84%, 64%
HSV	224°, 65%, 94%
XYZ	26.8123, 22.9298, 85.6532
YIQ	125.8510, -61.3510, 27.0730

Conversions

Conversions Part 2

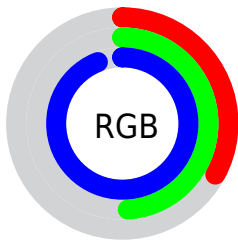
Format	Color
R_{YB}	84, 116, 240
Decimal	5537264
CIE _{Lab}	55.00, 21.89, -62.21
CIE _{LCh}	55, 65.949, 289.382
Yxy	22.9298, 0.1980, 0.1694
Android (android.graphics.Color)	4283727344 (0xFF547DF0)
YUV	125.8510, 56.2755, -36.7033
Hunter-Lab	47.8851, 16.1486, -72.5338

Details

The CIELCh color **55, 65.949, 289.382** is a light color, and the websafe version is hex **3366CC**. The color can be described as light muted azure. A complement of this color would be **82, 61.215, 87.940**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 42.852, 282.438**, and **35, 65.548, 290.878** is the 20% darker color. If you saturate the color by 10%, you get **49, 77.265, 292.539**, and if you desaturate by 10%, it is **61, 54.961, 286.519**.

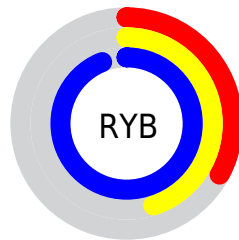
Distribution



Red (33%)

Green (49%)

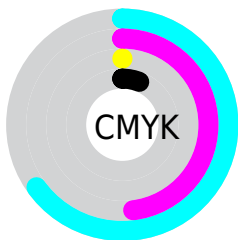
Blue (94%)



Red (33%)

Yellow (45%)

Blue (94%)

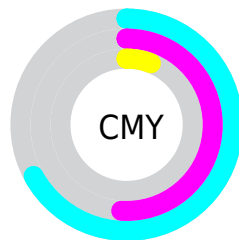


Cyan (65%)

Magenta (48%)

Yellow (0%)

Black (6%)



Cyan (67%)


Magenta (51%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 65.949, 289.382 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 55, 65.949, 289.382 by changing the saturation by 10% instead.


 55, 65.949,
289.382


 55, 65.949,
289.382


 100, 65.949,
289.382


 45, 65.949,
289.382


 75, 65.949,
289.382

 35, 65.949,
289.382

 85, 65.949,
289.382

 25, 65.949,
289.382

 95, 65.949,
289.382

 15, 65.949,
289.382

 5, 65.949, 289.382

 0, 65.949, 289.382

■ 55, 65.949,
289.382

■ 55, 65.949,
289.382

■ 49, 77.265,
292.539

■ 61, 54.961,
286.519

■ 44, 88.757,
295.854

■ 67, 44.320,
283.999

■ 40, 100.003,
299.102

■ 73, 33.996,
281.822

■ 38, 105.421,
300.601

■ 79, 23.955,
279.959

■ 86, 14.168,
278.371

■ 92, 4.616, 277.038

■ 98, 4.713, 95.769

■ 100, 7.461,
109.609

Harmonies

Complementary

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



55, 65.949, 289.382



82, 61.215, 87.940

Rectangle

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



55, 65.949, 289.382



55, 65.949, 339.382



55, 65.949, 109.382



55, 65.949, 159.382

Sweetspot

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



55, 65.949, 289.383



88, 19.043, 278.999



86, 51.123, 170.805



45, 13.151, 279.459



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 65.949, 289.383



51, 84.840, 293.639



48, 90.257, 305.435



47, 5.357, 277.612



28, 84.761, 300.076



6, 30.711, 293.001

Inverse Universe

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



58, 63.565, 9.464



57, 77.442, 14.333



90, 76.066, 115.511



47, 5.290, 359.470



38, 69.864, 24.398



8, 28.844, 12.462

Previews

White Background



This preview shows how the CIE LCh color 55, 65.949, 289.382 looks on a white background.

Color Contrast Check

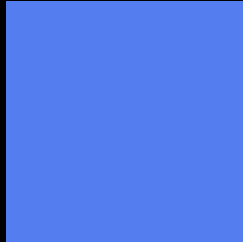
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 65.949, 289.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

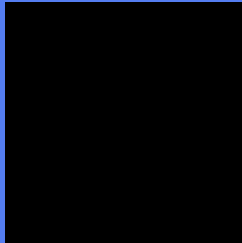
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 65.949, 289.382

Background



This preview shows how black text looks on a background with the CIELCh color 55, 65.949, 289.382.



This preview shows how white text looks on a background with the CIELCh color 55, 65.949, 289.382.

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
55, 29.863, 210.353

Trichromacy



Original Color
55, 65.949, 289.382

Protanomaly
55, 66.071, 287.983

Deuteranomaly
54, 63.061, 281.109

Tritanomaly
54, 34.455, 253.829

Monochromacy



Original Color
55, 65.949, 289.382

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 24.622, 281.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 65.949, 289.382 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(84, 125, 240)` looks like.

```
.text, #text, p{  
    color:rgb(84, 125, 240)  
}
```

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(84, 125, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 125, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 65.949, 289.382 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(84, 125, 240) }
```

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

```
.border{ border-color:rgb(84, 125, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 125, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 125, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 125, 240);  
box-shadow:4px 4px 4px 4px rgb(84, 125,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 65.949, 289.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 125, 240) }
```

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

```
.background{ background-color: rgb(84, 125,  
240) }
```

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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