

Converting Colors

CIELCh(58, 49.216, 271.907)

Have a look what the booklet for
CIELCh(58, 49.216, 271.907)
contains.

CIELCh(58, 49.114, 271.893)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 49.114, 271.893)

Conversions

Conversions Part 1

Format	Color
Hex	378FE1
RGB	55, 143, 225
RGB Percent	22%, 56%, 88%
CMY	0.7832, 0.4386, 0.1169
CMYK	0.75, 0.36, 0.00, 0.12
HSL	209°, 74%, 55%
HSV	209°, 75%, 88%
XYZ	25.0536, 25.9610, 75.0557
YIQ	126.0360, -78.7700, 6.8460

Conversions

Conversions Part 2

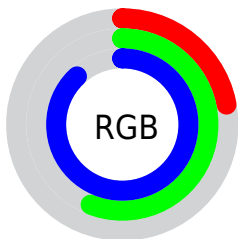
Format	Color
R_{YB}	55, 113, 225
Decimal	3641313
CIE _{Lab}	58.00, 1.62, -49.09
CIE _{LCh}	58, 49.114, 271.893
Yxy	25.9610, 0.1987, 0.2059
Android (android.graphics.Color)	4281831393 (0xFF378FE1)
YUV	126.0360, 48.7893, -62.2986
Hunter-Lab	50.9519, -1.3956, -51.6719

Details

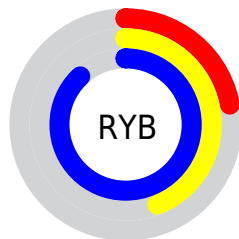
The CIELCh color **58, 49.114, 271.893** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **65, 62.075, 64.033**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 36.529, 259.614**, and **39, 47.629, 278.326** is the 20% darker color. If you saturate the color by 10%, you get **54, 55.186, 276.241**, and if you desaturate by 10%, it is **62, 43.047, 268.004**.

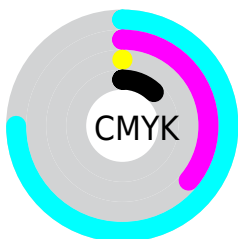
Distribution



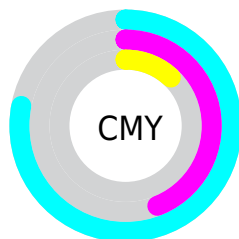
- Red (22%)
- Green (56%)
- Blue (88%)



- Red (22%)
- Yellow (44%)
- Blue (88%)



- Cyan (75%)
- Magenta (36%)
- Yellow (0%)
- Black (12%)



- Cyan (78%)
- Magenta (44%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 49.114, 271.893 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 58, 49.114, 271.893 by changing the saturation by 10% instead.

 58, 49.114,
271.893

 58, 49.114,
271.893

 100, 49.114,
271.893


 48, 49.114,
271.893


 78, 49.114,
271.893


 38, 49.114,
271.893


 88, 49.114,
271.893

 28, 49.114,
271.893

 98, 49.114,
271.893

 18, 49.114,
271.893

 8, 49.114, 271.893

 0, 49.114, 271.893

■ 58, 49.114,
271.893

■ 58, 49.114,
271.893

■ 54, 55.186,
276.241

■ 62, 43.047,
268.004

■ 51, 61.386,
280.889

■ 66, 36.890,
264.628

■ 50, 64.297,
282.961

■ 70, 30.582,
261.759

■ 74, 24.103,
259.348

■ 78, 17.462,
257.334

■ 83, 10.682,
255.659

■ 87, 3.794, 254.311

■ 92, 3.169, 72.872

Harmonies

Complementary

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



58, 49.114, 271.893



65, 62.075, 64.033

Rectangle

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



58, 49.114, 271.893



58, 49.114, 321.893



58, 49.114, 91.893



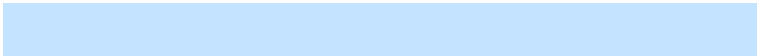
58, 49.114, 141.893

Sweetspot

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



58, 49.113, 271.894



89, 17.489, 256.922



80, 70.224, 152.465



46, 12.068, 257.585



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 49.113, 271.894



59, 64.808, 279.093



37, 97.929, 302.126



45, 3.931, 254.802



39, 52.625, 282.143



8, 18.426, 272.731

Inverse Universe

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



53, 70.962, 352.837



56, 83.963, 357.716



86, 76.849, 101.822



44, 5.813, 343.467



38, 64.388, 0.210



6, 26.613, 353.442

Previews

White Background



This preview shows how the CIE LCh color 58, 49.114, 271.893 looks on a white background.

Color Contrast Check

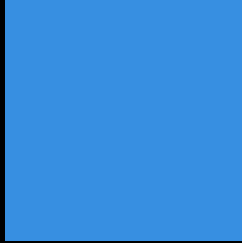
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 49.114, 271.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

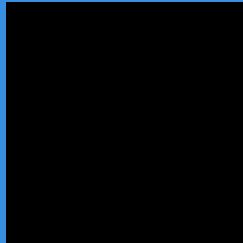
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 49.114, 271.893

Background



This preview shows how black text looks on a background with the CIELCh color 58, 49.114, 271.893.



This preview shows how white text looks on a background with the CIELCh color 58, 49.114, 271.893.

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
58, 33.195, 208.673

Trichromacy



Original Color
58, 49.114, 271.893

Protanomaly
58, 47.608, 279.321

Deuteranomaly
58, 49.788, 276.668

Tritanomaly
58, 34.342, 236.985

Monochromacy



Original Color
58, 49.114, 271.893

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 19.890, 259.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 49.114, 271.893 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(55, 143, 225)` looks like.

```
.text, #text, p{  
    color:rgb(55, 143, 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(55, 143, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 143, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 49.114, 271.893 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(55, 143, 225) }
```

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

```
.border{ border-color:rgb(55, 143, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 143, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 143, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 143, 225);  
box-shadow:4px 4px 4px 4px rgb(55, 143,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 49.114, 271.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 143, 225) }
```

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

```
.background{ background-color: rgb(55, 143,  
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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