

Converting Colors

CIELCh(58, 52.060, 274.424)

Have a look what the booklet for
CIELCh(58, 52.060, 274.424)
contains.

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Color

CIELCh(58, 52.060, 274.424)

Conversions

Conversions Part 1

Format	Color
Hex	378EE6
RGB	55, 142, 230
RGB Percent	22%, 56%, 90%
CMY	0.7828, 0.4423, 0.0971
CMYK	0.76, 0.38, 0.00, 0.10
HSL	210°, 78%, 56%
HSV	210°, 76%, 90%
XYZ	25.6189, 25.9610, 78.7044
YIQ	126.0190, -80.1000, 8.9240

Conversions

Conversions Part 2

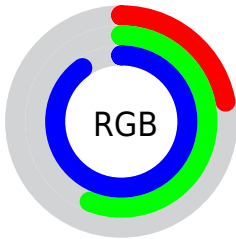
Format	Color
R_{YB}	55, 113, 230
Decimal	3641062
CIE _{Lab}	58.00, 4.02, -51.90
CIE _{LCh}	58, 52.060, 274.424
Yxy	25.9610, 0.1966, 0.1993
Android (android.graphics.Color)	4281831142 (0xFF378EE6)
YUV	126.0190, 51.2626, -62.2837
Hunter-Lab	50.9519, 0.5849, -55.9177

Details

The CIELCh color **58, 52.060, 274.424** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **67, 63.554, 65.804**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 36.744, 260.870**, and **39, 50.952, 280.877** is the 20% darker color. If you saturate the color by 10%, you get **54, 58.668, 278.732**, and if you desaturate by 10%, it is **62, 45.511, 270.540**.

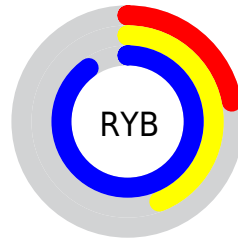
Distribution



Red (22%)

Green (56%)

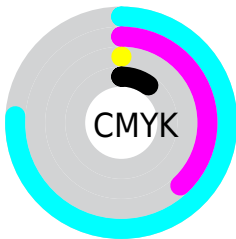
Blue (90%)



Red (22%)

Yellow (44%)

Blue (90%)

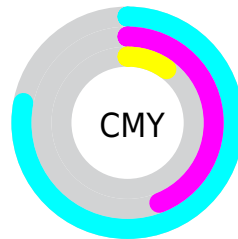


Cyan (76%)

Magenta (38%)

Yellow (0%)

Black (10%)



Cyan (78%)

Magenta (44%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 52.060, 274.424 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, 52.060, 274.424 by changing the saturation by 10% instead.

■ 58, 52.060,
274.424

■ 58, 52.060,
274.424

■ 100, 52.060,
274.424

■ 48, 52.060,
274.424

■ 78, 52.060,
274.424

■ 38, 52.060,
274.424

■ 88, 52.060,
274.424

■ 28, 52.060,
274.424

■ 98, 52.060,
274.424

■ 18, 52.060,
274.424

■ 8, 52.060, 274.424

■ 0, 52.060, 274.424

■ 58, 52.060,
274.424

■ 58, 52.060,
274.424

■ 54, 58.668,
278.732

■ 62, 45.511,
270.540

■ 51, 65.443,
283.293

■ 66, 38.925,
267.147

■ 49, 68.271,
285.086

■ 71, 32.237,
264.248

■ 75, 25.419,
261.800

■ 79, 18.474,
259.747

■ 84, 11.419,
258.032

■ 89, 4.281, 256.635

■ 93, 2.912, 75.168

Harmonies

Complementary

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



58, 52.060, 274.424



67, 63.554, 65.804

Rectangle

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



58, 52.060, 274.424



58, 52.060, 324.424



58, 52.060, 94.424



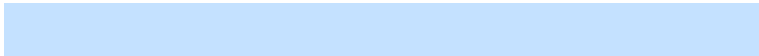
58, 52.060, 144.424

Sweetspot

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



58, 52.059, 274.425



89, 17.820, 259.232



82, 69.599, 154.000



45, 12.307, 259.901



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, 52.059, 274.425



58, 67.421, 281.253



37, 103.562, 303.173



46, 4.070, 257.083



38, 55.500, 284.281



9, 19.897, 275.634

Inverse Universe

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



54, 71.898, 354.509



56, 83.511, 359.517



89, 80.523, 103.564



45, 5.840, 344.584



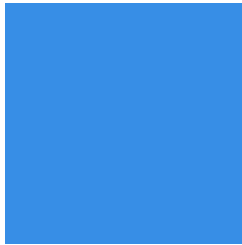
38, 64.825, 2.204



7, 27.579, 355.190

Previews

White Background



This preview shows how the CIE LCh color 58, 52.060, 274.424 looks on a white background.

Color Contrast Check

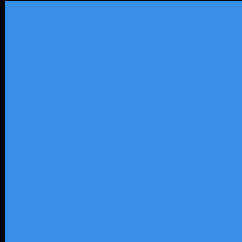
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 52.060, 274.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

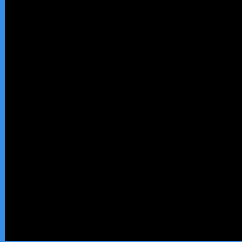
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

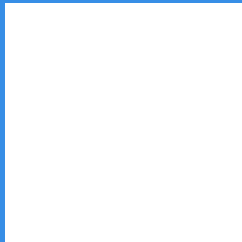
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 52.060, 274.424

Background



This preview shows how black text looks on a background with the CIELCh color 58, 52.060, 274.424.



This preview shows how white text looks on a background with the CIELCh color 58, 52.060, 274.424.

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

58, 52.060, 274.424

Protanopia

58, 50.249, 285.837

Deuteranopia

58, 53.339, 279.733



Tritanopia
58, 33.195, 208.673

Trichromacy



Original Color
58, 52.060, 274.424

Protanomaly
58, 50.865, 280.880

Deuteranomaly
58, 53.071, 277.982

Tritanomaly
58, 34.575, 237.927

Monochromacy



Original Color
58, 52.060, 274.424

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 20.827, 261.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 52.060, 274.424 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, 142, 230)` looks like.

```
.text, #text, p{  
    color:rgb(55, 142, 230)  
}
```

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, 142, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 142, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 52.060, 274.424 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, 142, 230) }
```

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

```
.border{ border-color:rgb(55, 142, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 142, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 142, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 142, 230);  
box-shadow:4px 4px 4px 4px rgb(55, 142,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 52.060, 274.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 142, 230) }
```

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

```
.background{ background-color: rgb(55, 142,  
230) }
```

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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