

Converting Colors

CIELCh(59, 49.906, 275.728)

Have a look what the booklet for
CIELCh(59, 49.906, 275.728)
contains.

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Color

CIELCh(59, 49.841, 275.624)

Conversions

Conversions Part 1

Format	Color
Hex	4990E5
RGB	73, 144, 229
RGB Percent	29%, 56%, 90%
CMY	0.7136, 0.4352, 0.1019
CMYK	0.68, 0.37, 0.00, 0.10
HSL	213°, 75%, 59%
HSV	213°, 68%, 90%
XYZ	26.8712, 27.0277, 77.9443
YIQ	132.4610, -69.6010, 11.3830

Conversions

Conversions Part 2

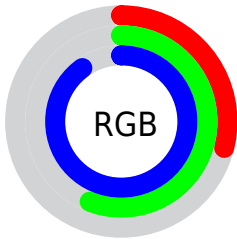
Format	Color
R _Y B	73, 122, 229
Decimal	4821221
CIE Lab	59.00, 4.88, -49.60
CIE LCh	59, 49.841, 275.624
Yxy	27.0277, 0.2038, 0.2050
Android (android.graphics.Color)	4283011301 (0xFF4990E5)
YUV	132.4610, 47.5937, -52.1473
Hunter-Lab	51.9882, 1.2820, -52.4999

Details

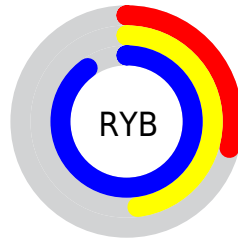
The CIELCh color **59, 49.841, 275.624** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **71, 56.744, 70.873**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 34.755, 263.072**, and **40, 49.230, 279.224** is the 20% darker color. If you saturate the color by 10%, you get **55, 57.151, 279.494**, and if you desaturate by 10%, it is **63, 42.603, 272.194**.

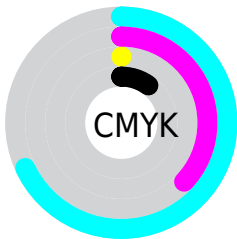
Distribution



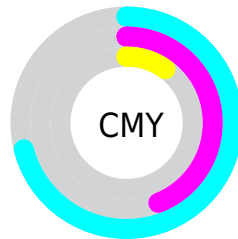
- Red (29%)
- Green (56%)
- Blue (90%)



- Red (29%)
- Yellow (48%)
- Blue (90%)



- Cyan (68%)
- Magenta (37%)
- Yellow (0%)
- Black (10%)



- Cyan (71%)
- Magenta (44%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 49.841, 275.624 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 59, 49.841, 275.624 by changing the saturation by 10% instead.

 59, 49.841,
275.624

 59, 49.841,
275.624

 100, 49.841,
275.624

 49, 49.841,
275.624

 79, 49.841,
275.624

 39, 49.841,
275.624

 89, 49.841,
275.624

 29, 49.841,
275.624

 99, 49.841,
275.624

 19, 49.841,
275.624

 9, 49.841, 275.624

 0, 49.841, 275.624

■ 59, 49.841,
275.624

■ 59, 49.841,
275.624

■ 55, 57.151,
279.494

■ 63, 42.603,
272.194

■ 51, 64.619,
283.700

■ 68, 35.370,
269.226

■ 47, 72.305,
288.026

■ 73, 28.100,
266.696

■ 46, 73.789,
288.798


■ 77, 20.779,
264.557

■ 82, 13.413,
262.755

■ 87, 6.016, 261.255

■ 92, 1.390, 79.624

■ 97, 8.563, 81.365

 99, 13.147,
109.184

Harmonies

Complementary

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



59, 49.841, 275.624



71, 56.744, 70.873

Rectangle

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



59, 49.841, 275.624



59, 49.841, 325.624



59, 49.841, 95.624



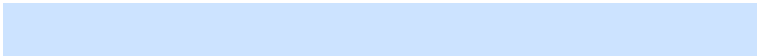
59, 49.841, 145.624

Sweetspot

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



59, 49.840, 275.625



89, 16.155, 263.092



82, 61.842, 157.219



46, 11.016, 263.588



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 49.840, 275.625



59, 65.505, 281.302



41, 92.171, 302.001



46, 4.219, 261.438



36, 60.207, 288.056



8, 21.371, 279.811

Inverse Universe

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



56, 65.769, 355.557



57, 79.929, 359.747



88, 74.389, 105.719



45, 5.683, 346.922



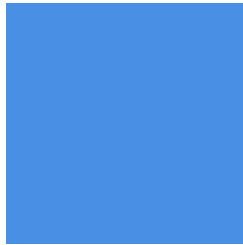
38, 64.599, 6.186



7, 27.228, 358.351

Previews

White Background



This preview shows how the CIE LCh color 59, 49.841, 275.624 looks on a white background.

Color Contrast Check

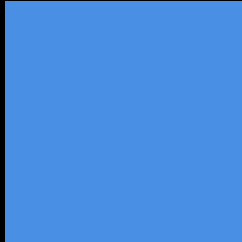
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 49.841, 275.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

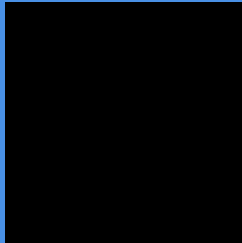
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

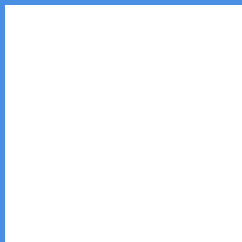
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 49.841, 275.624

Background



This preview shows how black text looks on a background with the CIELCh color 59, 49.841, 275.624.



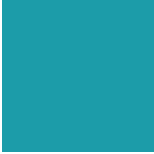
This preview shows how white text looks on a background with the CIELCh color 59, 49.841, 275.624.

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
59, 32.045, 210.262

Trichromacy



Original Color
59, 49.841, 275.624

Protanomaly
59, 49.379, 282.055

Deuteranomaly
59, 50.468, 278.283

Tritanomaly
59, 33.271, 239.827

Monochromacy



Original Color
59, 49.841, 275.624

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 19.340, 266.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 49.841, 275.624 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(73, 144, 229)` looks like.

```
.text, #text, p{  
    color:rgb(73, 144, 229)  
}
```

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(73, 144, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 144, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 49.841, 275.624 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(73, 144, 229) }
```

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

```
.border{ border-color:rgb(73, 144, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 144, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 144, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 144, 229);  
box-shadow:4px 4px 4px 4px rgb(73, 144,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 49.841, 275.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 144, 229) }
```

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

```
.background{ background-color: rgb(73, 144,  
229) }
```

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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