

Converting Colors

CIELCh(59, 44.551, 262.186)

Have a look what the booklet for
CIELCh(59, 44.551, 262.186)
contains.

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Color

CIELCh(59, 44.582, 262.252)

Conversions

Conversions Part 1

Format	Color
Hex	2395DB
RGB	35, 149, 219
RGB Percent	14%, 58%, 86%
CMY	0.8613, 0.4151, 0.1405
CMYK	0.84, 0.32, 0.00, 0.14
HSL	203°, 72%, 50%
HSV	203°, 84%, 86%
XYZ	24.2827, 27.0277, 71.0654
YIQ	122.8940, -90.4140, -2.3980

Conversions

Conversions Part 2

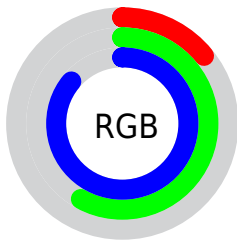
Format	Color
R _Y B	35, 105, 219
Decimal	2332123
CIE Lab	59.00, -6.01, -44.17
CIE LCh	59, 44.582, 262.252
Yxy	27.0277, 0.1984, 0.2209
Android (android.graphics.Color)	4280522203 (0xFF2395DB)
YUV	122.8940, 47.3803, -77.0830
Hunter-Lab	51.9882, -7.6055, -44.6549

Details

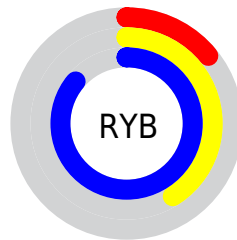
The CIELCh color **59, 44.582, 262.252** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **57, 69.606, 54.297**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 36.101, 249.274**, and **41, 41.740, 271.345** is the 20% darker color. If you saturate the color by 10%, you get **56, 48.540, 267.159**, and if you desaturate by 10%, it is **62, 40.491, 257.878**.

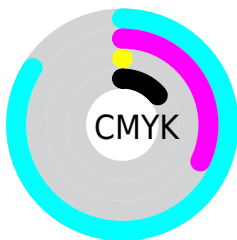
Distribution



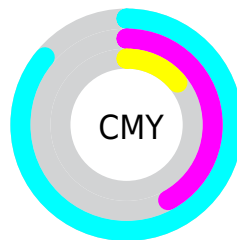
- Red (14%)
- Green (58%)
- Blue (86%)



- Red (14%)
- Yellow (41%)
- Blue (86%)



- Cyan (84%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (86%)
- Magenta (42%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 44.582, 262.252 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, 44.582, 262.252 by changing the saturation by 10% instead.

 59, 44.582,
262.252

 59, 44.582,
262.252

 100, 44.582,
262.252

 49, 44.582,
262.252

 79, 44.582,
262.252

 39, 44.582,
262.252

 89, 44.582,
262.252

 29, 44.582,
262.252

 99, 44.582,
262.252

 19, 44.582,
262.252

 9, 44.582, 262.252

 0, 44.582, 262.252

■ 59, 44.582,
262.252

■ 59, 44.582,
262.252

■ 56, 48.540,
267.159

■ 62, 40.491,
257.878

■ 55, 51.013,
270.246

■ 65, 36.123,
254.120

■ 68, 31.392,
250.974

■ 72, 26.271,
248.382

■ 75, 20.775,
246.266

■ 79, 14.946,
244.548

■ 82, 8.838, 243.163

■ 86, 2.504, 242.152

Harmonies

Complementary

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



59, 44.582, 262.252



57, 69.606, 54.297

Rectangle

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



59, 44.582, 262.252



59, 44.582, 312.252



59, 44.582, 82.252



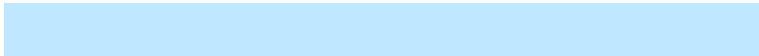
59, 44.582, 132.252

Sweetspot

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



59, 44.581, 262.253



90, 17.656, 244.758



77, 81.066, 146.466



46, 11.961, 245.343



0, 0.000, 0.000



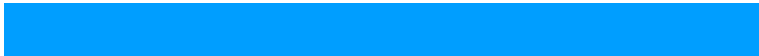
53, 0.007, 296.813

Same Dimension

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



59, 44.581, 262.253



63, 57.570, 270.720



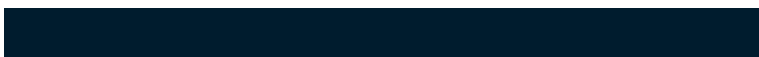
35, 95.983, 300.935



44, 3.645, 242.649



44, 42.325, 269.364



9, 15.067, 258.665

Inverse Universe

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



50, 76.429, 347.525



56, 87.854, 351.909



79, 74.602, 94.946



43, 6.122, 338.415



38, 66.089, 351.125



6, 26.631, 346.184

Previews

White Background



This preview shows how the CIE LCh color 59, 44.582, 262.252 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 59, 44.582, 262.252 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

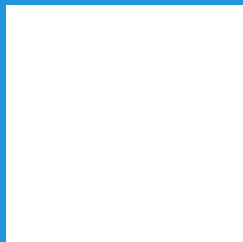
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 44.582, 262.252

Background



This preview shows how black text looks on a background with the CIELCh color 59, 44.582, 262.252.

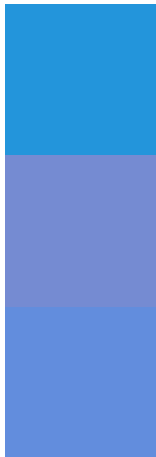


This preview shows how white text looks on a background with the CIELCh color 59, 44.582, 262.252.

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
59, 44.582, 262.252

Protanopia
59, 40.464, 285.366

Deuteranopia
59, 46.094, 280.651



Tritanopia
59, 33.678, 208.452

Trichromacy



Original Color
59, 44.582, 262.252

Protanomaly
58, 41.514, 273.492

Deuteranomaly
59, 45.237, 272.676

Tritanomaly
59, 34.134, 230.914

Monochromacy



Original Color
59, 44.582, 262.252

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 19.474, 246.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 44.582, 262.252 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(35, 149, 219)` looks like.

```
.text, #text, p{  
    color:rgb(35, 149, 219)  
}
```

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(35, 149, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 149, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 44.582, 262.252 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(35, 149, 219) }
```

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

```
.border{ border-color:rgb(35, 149, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 149, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 149, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 149, 219);  
box-shadow:4px 4px 4px 4px rgb(35, 149,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 44.582, 262.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 149, 219) }
```

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

```
.background{ background-color: rgb(35, 149,  
219) }
```

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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