

Converting Colors

CIELCh(59, 33.262, 242.537)

Have a look what the booklet for
CIELCh(59, 33.262, 242.537)
contains.

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Color

CIELCh(59, 33.285, 242.587)

Conversions

Conversions Part 1

Format	Color
Hex	3298C1
RGB	50, 152, 193
RGB Percent	20%, 60%, 76%
CMY	0.8033, 0.4035, 0.2427
CMYK	0.74, 0.21, 0.00, 0.24
HSL	197°, 59%, 48%
HSV	197°, 74%, 76%
XYZ	22.2062, 27.0277, 54.5627
YIQ	126.1760, -73.9530, -8.8730

Conversions

Conversions Part 2

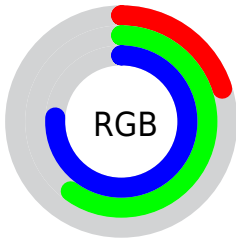
Format	Color
R_{YB}	50, 110, 193
Decimal	3315905
CIE _{Lab}	59.00, -15.32, -29.55
CIE _{LCh}	59, 33.285, 242.587
Yxy	27.0277, 0.2139, 0.2604
Android (android.graphics.Color)	4281505985 (0xFF3298C1)
YUV	126.1760, 32.9442, -66.8064
Hunter-Lab	51.9882, -14.7349, -25.8343

Details

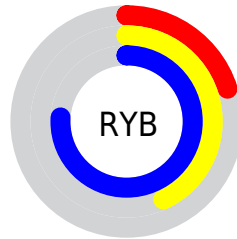
The CIELCh color **59, 33.285, 242.587** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **51, 56.718, 47.765**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 33.400, 243.323**, and **40, 29.740, 249.750** is the 20% darker color. If you saturate the color by 10%, you get **57, 35.736, 246.423**, and if you desaturate by 10%, it is **61, 30.331, 239.425**.

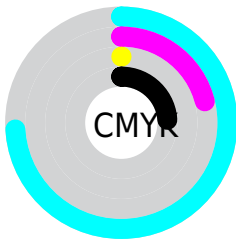
Distribution



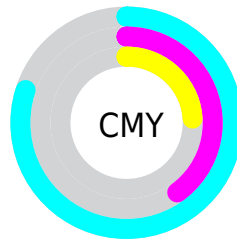
- Red (20%)
- Green (60%)
- Blue (76%)



- Red (20%)
- Yellow (43%)
- Blue (76%)



- Cyan (74%)
- Magenta (21%)
- Yellow (0%)
- Black (24%)





- Cyan (80%)
- Magenta (40%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 33.285, 242.587 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, 33.285, 242.587 by changing the saturation by 10% instead.


 59, 33.285,
242.587


 59, 33.285,
242.587


 100, 33.285,
242.587


 49, 33.285,
242.587


 79, 33.285,
242.587

 39, 33.285,
242.587

 89, 33.285,
242.587

 29, 33.285,
242.587

 99, 33.285,
242.587

 19, 33.285,
242.587

 9, 33.285, 242.587

 0, 33.285, 242.587

■ 59, 33.285,
242.587

■ 59, 33.285,
242.587

■ 57, 35.736,
246.423

■ 61, 30.331,
239.425

■ 55, 37.803,
250.937

■ 64, 26.829,
236.871

■ 54, 38.987,
253.791

■ 66, 22.786,
234.837

■ 69, 18.249,
233.233

■ 71, 13.280,
231.981

■ 74, 7.951, 231.018

■ 77, 2.331, 230.400

■ 80, 3.516, 49.446

Harmonies

Complementary

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



59, 33.285, 242.587



51, 56.718, 47.765

Rectangle

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



59, 33.285, 242.587



59, 33.285, 292.587



59, 33.285, 62.587



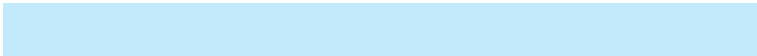
59, 33.285, 112.587

Sweetspot

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



59, 33.284, 242.587



91, 15.063, 231.800



69, 71.589, 145.344



47, 10.043, 232.098



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



59, 33.284, 242.587



71, 45.019, 249.224



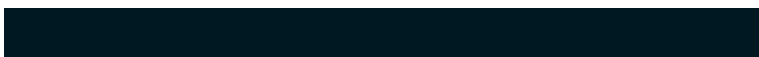
39, 68.006, 294.371



39, 3.258, 230.666



45, 33.824, 253.042



7, 10.495, 243.028

Inverse Universe

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



47, 69.181, 340.045



57, 90.731, 342.332



68, 59.064, 90.238



38, 5.911, 334.354



36, 66.030, 343.710



4, 18.471, 339.451

Previews

White Background



This preview shows how the CIELCh color 59, 33.285, 242.587 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, 33.285, 242.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

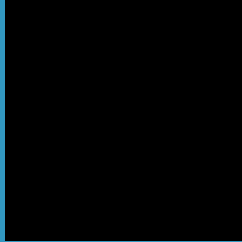
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 33.285, 242.587

Background



This preview shows how black text looks on a background with the CIELCh color 59, 33.285, 242.587.

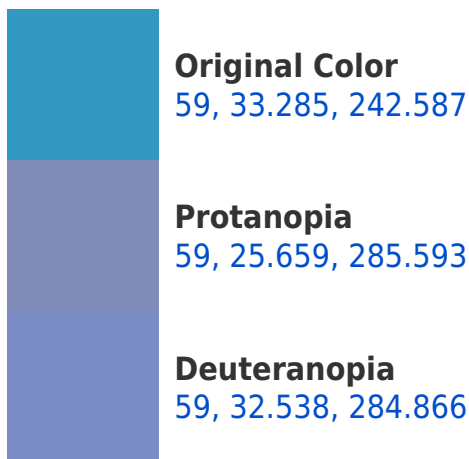



This preview shows how white text looks on a background with the CIELCh color 59, 33.285, 242.587.

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, 33.285, 242.587

Protanomaly
58, 27.266, 263.215

Deuteranomaly
58, 31.384, 267.142

Tritanomaly
59, 31.549, 221.812

Monochromacy



Original Color
59, 33.285, 242.587

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 15.136, 233.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 33.285, 242.587 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(50, 152, 193)` looks like.

```
.text, #text, p{  
    color:rgb(50, 152, 193)  
}
```

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(50, 152, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 152, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 33.285, 242.587 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(50, 152, 193) }
```

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

```
.border{ border-color:rgb(50, 152, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 152, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 152, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 152, 193);  
box-shadow:4px 4px 4px 4px rgb(50, 152,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 33.285, 242.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 152, 193) }
```

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

```
.background{ background-color: rgb(50, 152,  
193) }
```

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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