

Converting Colors

CIELCh(58, 34.323, 237.600)

Have a look what the booklet for
CIELCh(58, 34.323, 237.600)
contains.

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Color

CIELCh(58, 34.222, 237.104)

Conversions

Conversions Part 1

Format	Color
Hex	1997BD
RGB	25, 151, 189
RGB Percent	10%, 59%, 74%
CMY	0.9032, 0.4084, 0.2594
CMYK	0.87, 0.20, 0.00, 0.26
HSL	194°, 77%, 42%
HSV	194°, 87%, 74%
XYZ	20.6081, 25.9610, 51.9902
YIQ	117.6580, -87.2940, -14.8940

Conversions

Conversions Part 2

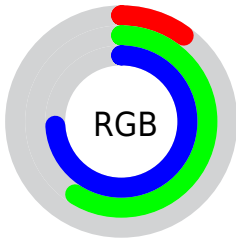
Format	Color
R _Y B	25, 96, 189
Decimal	1677245
CIE Lab	58.00, -18.59, -28.73
CIE LCh	58, 34.222, 237.104
Yxy	25.9610, 0.2091, 0.2634
Android (android.graphics.Color)	4279867325 (0xFF1997BD)
YUV	117.6580, 35.1716, -81.2611
Hunter-Lab	50.9519, -16.9696, -24.8319

Details

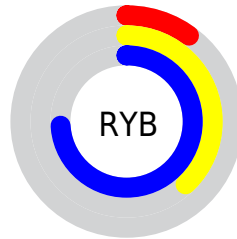
The CIELCh color **58, 34.222, 237.104** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **45, 68.741, 44.481**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 34.101, 237.202**, and **39, 28.946, 247.927** is the 20% darker color. If you saturate the color by 10%, you get **57, 35.475, 241.143**, and if you desaturate by 10%, it is **60, 32.491, 233.714**.

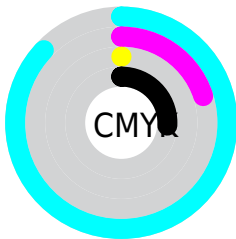
Distribution



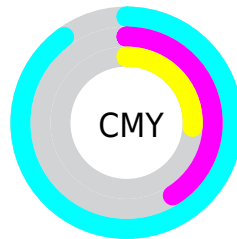
- Red (10%)
- Green (59%)
- Blue (74%)



- Red (10%)
- Yellow (38%)
- Blue (74%)



- Cyan (87%)
- Magenta (20%)
- Yellow (0%)
- Black (26%)




- Cyan (90%)
- Magenta (41%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 34.222, 237.104 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, 34.222, 237.104 by changing the saturation by 10% instead.


 58, 34.222,
237.104


 58, 34.222,
237.104


 100, 34.222,
237.104


 48, 34.222,
237.104


 78, 34.222,
237.104

 38, 34.222,
237.104

 88, 34.222,
237.104

 28, 34.222,
237.104

 98, 34.222,
237.104

 18, 34.222,
237.104

 8, 34.222, 237.104

 0, 34.222, 237.104

■ 58, 34.222,
237.104

■ 58, 34.222,
237.104

■ 57, 35.475,
241.143

■ 60, 32.491,
233.714

■ 56, 35.844,
242.417

■ 61, 30.155,
230.967

■ 63, 27.169,
228.787

■ 65, 23.546,
227.087

■ 68, 19.339,
225.781

■ 70, 14.622,
224.793

■ 72, 9.475, 224.066

■ 75, 3.979, 223.591

Harmonies

Complementary

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



58, 34.222, 237.104



45, 68.741, 44.481

Rectangle

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



58, 34.222, 237.104



58, 34.222, 287.104



58, 34.222, 57.104



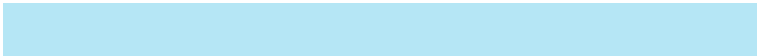
58, 34.222, 107.104

Sweetspot

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



58, 34.221, 237.104



88, 17.455, 224.749



67, 82.615, 141.015



46, 11.691, 225.054



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



58, 34.221, 237.104



71, 43.702, 243.205



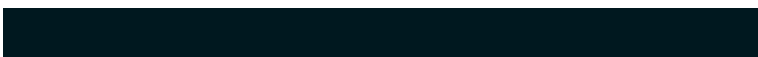
35, 72.524, 294.992



39, 3.231, 223.676



47, 31.341, 241.762



7, 9.467, 234.142

Inverse Universe

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



44, 75.555, 338.526



55, 93.500, 340.396



62, 62.611, 82.922



37, 6.016, 332.212



35, 67.795, 339.955



3, 17.104, 335.922

Previews

White Background



This preview shows how the CIE LCh color 58, 34.222, 237.104 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, 34.222, 237.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

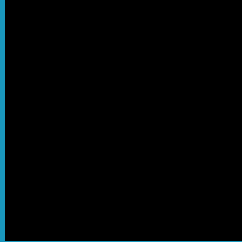
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 34.222, 237.104

Background



This preview shows how black text looks on a background with the CIELCh color 58, 34.222, 237.104.

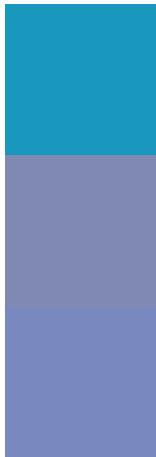


This preview shows how white text looks on a background with the CIELCh color 58, 34.222, 237.104.

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, 34.222, 237.104

Protanopia

58, 23.451, 285.376

Deuteranopia

58, 31.509, 284.439



Tritanopia
58, 33.195, 208.673

Trichromacy



Original Color
58, 34.222, 237.104



Protanomaly
57, 26.953, 257.113



Deuteranomaly
57, 31.391, 262.405



Tritanomaly
58, 32.756, 218.566

Monochromacy



Original Color
58, 34.222, 237.104



Achromatopsia
49, 0.007, 296.813



Achromatomaly
51, 17.213, 226.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 34.222, 237.104 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(25, 151, 189)` looks like.

```
.text, #text, p{  
    color:rgb(25, 151, 189)  
}
```

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(25, 151, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 151, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 34.222, 237.104 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(25, 151, 189) }
```

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

```
.border{ border-color:rgb(25, 151, 189) }
```

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

Here you see how a box with a 4 pixel rgb(25, 151, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 151, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 151, 189);  
box-shadow:4px 4px 4px 4px rgb(25, 151,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 34.222, 237.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 151, 189) }
```

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

```
.background{ background-color: rgb(25, 151,  
189) }
```

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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