

Converting Colors

CIELCh(58, 25.201, 168.471)

Have a look what the booklet for
CIELCh(58, 25.201, 168.471)
contains.

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Color

CIELCh(58, 25.051, 168.594)

Conversions

Conversions Part 1

Format	Color
Hex	5B9782
RGB	91, 151, 130
RGB Percent	36%, 59%, 51%
CMY	0.6432, 0.4079, 0.4903
CMYK	0.40, 0.00, 0.14, 0.41
HSL	159°, 25%, 47%
HSV	159°, 40%, 59%
XYZ	19.4036, 25.9610, 25.1005
YIQ	130.6660, -29.0190, -19.2510

Conversions

Conversions Part 2

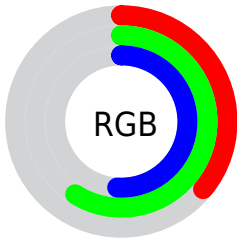
Format	Color
R_{YB}	91, 127, 151
Decimal	6002562
CIE _{Lab}	58.00, -24.56, 4.95
CIE _{LCh}	58, 25.051, 168.594
Y _{xy}	25.9610, 0.2754, 0.3684
Android (android.graphics.Color)	4284192642 (0xFF5B9782)
Y _{UV}	130.6660, -0.3283, -34.7871
Hunter-Lab	50.9519, -21.1891, 6.4582

Details

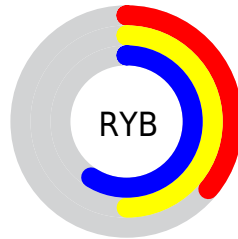
The CIELCh color $58, 25.051, 168.594$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $46, 27.547, 357.087$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 25.203, 168.280$, and $38, 25.053, 168.513$ is the 20% darker color. If you saturate the color by 10%, you get $57, 30.661, 167.325$, and if you desaturate by 10%, it is $59, 19.063, 169.741$.

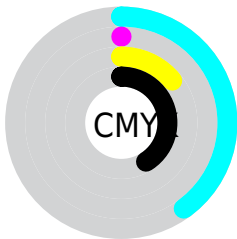
Distribution



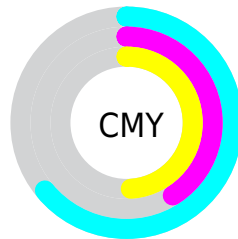
- Red (36%)
- Green (59%)
- Blue (51%)



- Red (36%)
- Yellow (50%)
- Blue (59%)



- Cyan (40%)
- Magenta (0%)
- Yellow (14%)
- Black (41%)





- Cyan (64%)
- Magenta (41%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 25.051, 168.594 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, 25.051, 168.594 by changing the saturation by 10% instead.


 58, 25.051,
168.594


 58, 25.051,
168.594


 100, 25.051,
168.594


 48, 25.051,
168.594


 78, 25.051,
168.594

 38, 25.051,
168.594

 88, 25.051,
168.594

 28, 25.051,
168.594

 98, 25.051,
168.594

 18, 25.051,
168.594

 8, 25.051, 168.594

 0, 25.051, 168.594

■ 58, 25.051,
168.594

■ 58, 25.051,
168.594

■ 57, 30.661,
167.325

■ 59, 19.063,
169.741

■ 57, 35.789,
165.915

■ 60, 12.799,
170.793

■ 56, 40.350,
164.338

■ 61, 6.358, 171.780

■ 56, 44.286,
162.575

■ 62, 0.174, 350.465

■ 64, 6.726, 353.384

■ 55, 47.589,
160.613

■ 65, 13.241,
354.191

■ 55, 50.423,
158.546

■ 67, 19.676,
354.938

■ 55, 50.496,
158.495

■ 69, 26.000,
355.642

■ 71, 32.193,
356.312

Harmonies

Complementary

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



58, 25.051, 168.594



46, 27.547, 357.087

Rectangle

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



58, 25.051, 168.594



58, 25.051, 218.594



58, 25.051, 348.594



58, 25.051, 38.594

Sweetspot

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



58, 25.052, 168.593



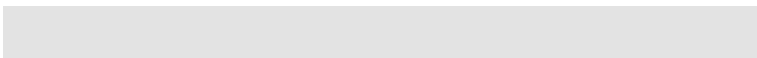
77, 9.691, 171.536



58, 36.828, 131.756



41, 6.475, 171.422



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



58, 25.052, 168.593



73, 36.726, 167.429



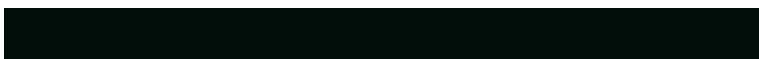
56, 18.008, 212.696



32, 3.730, 171.830



51, 47.721, 158.655



3, 4.083, 171.890

Inverse Universe

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



46, 27.547, 357.087



55, 41.236, 358.624



47, 23.991, 33.365



30, 3.813, 353.369



29, 54.813, 15.118



1, 4.042, 352.971

Previews

White Background



This preview shows how the CIELCh color 58, 25.051, 168.594 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, 25.051, 168.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

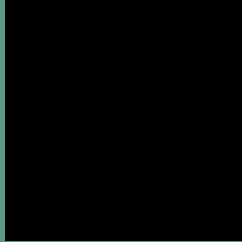
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 25.051, 168.594

Background



This preview shows how black text looks on a background with the CIELCh color 58, 25.051, 168.594.

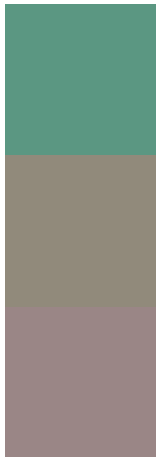


This preview shows how white text looks on a background with the CIELCh color 58, 25.051, 168.594.

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, 25.051, 168.594

Protanopia
58, 8.966, 90.466

Deuteranopia
58, 8.061, 20.191



Tritanopia
58, 17.587, 221.049

Trichromacy



Original Color
58, 25.051, 168.594

Protanomaly
58, 12.057, 145.234

Deuteranomaly
57, 5.353, 150.960

Tritanomaly
58, 18.369, 197.719

Monochromacy



Original Color
58, 25.051, 168.594

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 9.436, 173.301

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 25.051, 168.594 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(91, 151, 130)` looks like.

```
.text, #text, p{  
    color:rgb(91, 151, 130)  
}
```

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(91, 151, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 151, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 25.051, 168.594 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(91, 151, 130) }
```

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

```
.border{ border-color:rgb(91, 151, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 151, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 151, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 151, 130); box-shadow:4px 4px 4px 4px rgb(91, 151, 130) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 25.051, 168.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 151, 130) }
```

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

```
.background{ background-color: rgb(91, 151,  
130) }
```

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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