

Converting Colors

CIELCh(58, 25.983, 159.862)

Have a look what the booklet for
CIELCh(58, 25.983, 159.862)
contains.

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Color

CIELCh(58, 26.226, 159.768)

Conversions

Conversions Part 1

Format	Color
Hex	60977B
RGB	96, 151, 123
RGB Percent	38%, 59%, 48%
CMY	0.6244, 0.4087, 0.5185
CMYK	0.36, 0.00, 0.19, 0.41
HSL	149°, 22%, 48%
HSV	149°, 36%, 59%
XYZ	19.3934, 25.9610, 22.6573
YIQ	131.3630, -23.7920, -20.3680

Conversions

Conversions Part 2

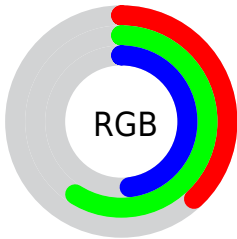
Format	Color
R_{YB}	96, 133, 151
Decimal	6330235
CIE _{Lab}	58.00, -24.61, 9.07
CIE _{LCh}	58, 26.226, 159.768
Yxy	25.9610, 0.2851, 0.3817
Android (android.graphics.Color)	4284520315 (0xFF60977B)
YUV	131.3630, -4.1230, -31.0134
Hunter-Lab	50.9519, -21.2248, 9.3013

Details

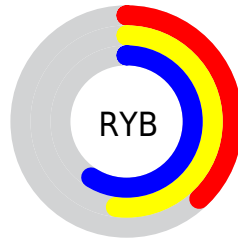
The CIELCh color $58, 26.226, 159.768$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $47, 27.325, 346.566$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 26.811, 159.318$, and $38, 26.469, 159.274$ is the 20% darker color. If you saturate the color by 10%, you get $57, 32.978, 158.553$, and if you desaturate by 10%, it is $59, 19.192, 160.847$.

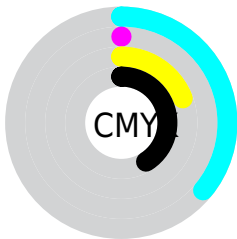
Distribution



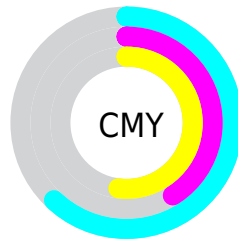
- Red (38%)
- Green (59%)
- Blue (48%)



- Red (38%)
- Yellow (52%)
- Blue (59%)



- Cyan (36%)
- Magenta (0%)
- Yellow (19%)
- Black (41%)





- Cyan (62%)
- Magenta (41%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 26.226, 159.768 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, 26.226, 159.768 by changing the saturation by 10% instead.


 58, 26.226,
159.768


 58, 26.226,
159.768


 100, 26.226,
159.768


 48, 26.226,
159.768


 78, 26.226,
159.768

 38, 26.226,
159.768

 88, 26.226,
159.768

 28, 26.226,
159.768

 98, 26.226,
159.768

 18, 26.226,
159.768

 8, 26.226, 159.768

 0, 26.226, 159.768

■ 58, 26.226,
159.768

■ 58, 26.226,
159.768

■ 57, 32.978,
158.553

■ 59, 19.192,
160.847

■ 56, 39.325,
157.180

■ 60, 11.985,
161.817

■ 56, 45.157,
155.626

■ 61, 4.706, 162.722

■ 55, 50.383,
153.875

■ 63, 2.563, 343.308

■ 64, 9.758, 344.116

■ 55, 54.953,
151.922

■ 66, 16.829,
344.787

■ 55, 58.900,
149.805

■ 68, 23.745,
345.401

■ 55, 60.233,
149.092

■ 70, 30.482,
345.971

■ 72, 37.029,
346.503

Harmonies

Complementary

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



58, 26.226, 159.768



47, 27.325, 346.566

Rectangle

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



58, 26.226, 159.768



58, 26.226, 209.768



58, 26.226, 339.768



58, 26.226, 29.768

Sweetspot

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



58, 26.227, 159.767



77, 9.926, 162.294



59, 32.460, 126.804



41, 6.723, 162.184



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, 26.227, 159.767



73, 38.817, 158.755



59, 19.021, 196.096



32, 4.161, 162.472



51, 56.947, 149.252



3, 4.528, 162.740

Inverse Universe

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



47, 27.325, 346.566



57, 40.718, 347.595



47, 24.192, 21.398



30, 4.210, 343.866



30, 54.521, 0.134



1, 4.476, 343.621

Previews

White Background



This preview shows how the CIELCh color 58, 26.226, 159.768 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 58, 26.226, 159.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

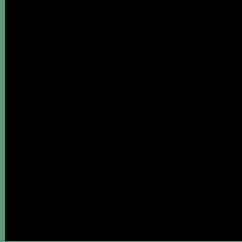
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 26.226, 159.768

Background



This preview shows how black text looks on a background with the CIELCh color 58, 26.226, 159.768.



This preview shows how white text looks on a background with the CIELCh color 58, 26.226, 159.768.

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, 26.226, 159.768

Protanopia
58, 12.349, 93.083

Deuteranopia
58, 10.553, 45.533



Tritanopia
58, 15.705, 224.166

Trichromacy



Original Color
58, 26.226, 159.768

Protanomaly
58, 14.907, 132.611

Deuteranomaly
57, 8.750, 122.493

Tritanomaly
58, 16.861, 191.992

Monochromacy



Original Color
58, 26.226, 159.768

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 9.744, 162.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 26.226, 159.768 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(96, 151, 123)` looks like.

```
.text, #text, p{  
    color:rgb(96, 151, 123)  
}
```

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(96, 151, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 151, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 26.226, 159.768 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(96, 151, 123) }
```

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

```
.border{ border-color:rgb(96, 151, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 151, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 151, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 151, 123);  
box-shadow:4px 4px 4px 4px rgb(96, 151,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 26.226, 159.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 151, 123) }
```

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

```
.background{ background-color: rgb(96, 151,  
123) }
```

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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