

Converting Colors

CIELCh(59, 20.521, 163.989)

Have a look what the booklet for
CIELCh(59, 20.521, 163.989)
contains.

CIELCh(59, 20.521, 163.989)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 20.521, 163.989)

Conversions

Conversions Part 1

Format	Color
Hex	6A9783
RGB	106, 151, 131
RGB Percent	42%, 59%, 51%
CMY	0.5825, 0.4060, 0.4845
CMYK	0.30, 0.00, 0.13, 0.41
HSL	153°, 18%, 51%
HSV	153°, 30%, 59%
XYZ	21.2678, 27.0277, 25.7309
YIQ	135.2650, -20.4000, -15.7600

Conversions

Conversions Part 2

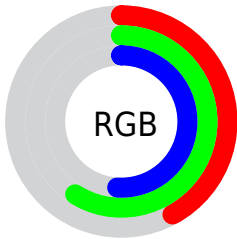
Format	Color
RYB	106, 135, 151
Decimal	6985603
CIELab	59.00, -19.72, 5.66
CIElCh	59, 20.521, 163.989
Yxy	27.0277, 0.2873, 0.3651
Android (android.graphics.Color)	4285175683 (0xFF6A9783)
YUV	135.2650, -2.1026, -25.6654
Hunter-Lab	51.9882, -17.9569, 7.0470

Details

The CIELCh color $59, 20.521, 163.989$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $50, 21.506, 349.597$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 20.394, 164.522$, and $39, 20.377, 164.161$ is the 20% darker color. If you saturate the color by 10%, you get $58, 27.097, 162.844$, and if you desaturate by 10%, it is $60, 13.716, 165.020$.

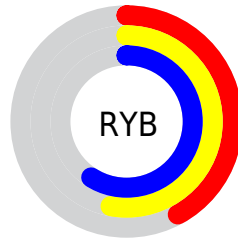
Distribution



Red (42%)

Green (59%)

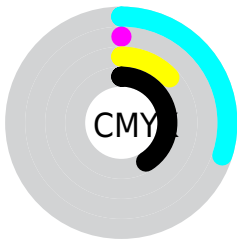
Blue (51%)



Red (42%)

Yellow (53%)

Blue (59%)

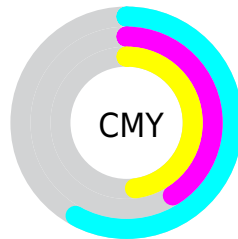


Cyan (30%)

Magenta (0%)

Yellow (13%)

Black (41%)



Cyan (58%)


Magenta (41%)


Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 20.521, 163.989 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, 20.521, 163.989 by changing the saturation by 10% instead.


 59, 20.521,
163.989


 59, 20.521,
163.989


 100, 20.521,
163.989


 49, 20.521,
163.989


 79, 20.521,
163.989

 39, 20.521,
163.989

 89, 20.521,
163.989

 29, 20.521,
163.989

 99, 20.521,
163.989

 19, 20.521,
163.989

 9, 20.521, 163.989

 0, 20.521, 163.989

■ 59, 20.521,
163.989

■ 59, 20.521,
163.989

■ 58, 27.097,
162.844

■ 60, 13.716,
165.020

■ 57, 33.328,
161.566

■ 61, 6.780, 165.973

■ 57, 39.106,
160.128

■ 63, 0.200, 345.035

■ 64, 7.152, 347.499

■ 56, 44.333,
158.508

■ 66, 14.022,
348.245

■ 56, 48.938,
156.690

■ 67, 20.770,
348.927

■ 55, 52.901,
154.668


■ 69, 27.369,
349.563

■ 55, 56.372,
152.551

■ 71, 33.801,
350.161

■ 55, 56.468,

152.495

 73, 40.058,
350.726

Harmonies

Complementary

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



59, 20.521, 163.989



50, 21.506, 349.597

Rectangle

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



59, 20.521, 163.989



59, 20.521, 213.989



59, 20.521, 343.989



59, 20.521, 33.989

Sweetspot

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



59, 20.522, 163.988



78, 7.755, 166.024



60, 27.095, 129.475



41, 5.431, 165.897



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 20.522, 163.988



74, 30.470, 163.201



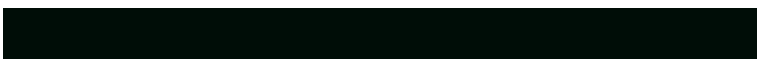
59, 15.121, 202.927



32, 3.974, 166.019



51, 53.207, 152.666



3, 4.334, 166.218

Inverse Universe

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



50, 21.506, 349.597



61, 32.270, 350.448



50, 18.517, 25.599



30, 4.036, 347.484



29, 54.110, 6.152



1, 4.287, 347.178

Previews

White Background



This preview shows how the CIELCh color 59, 20.521, 163.989 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 59, 20.521, 163.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

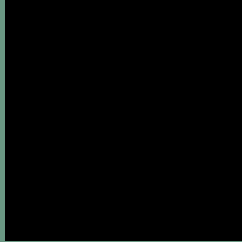
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

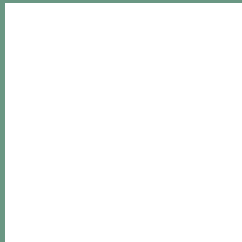
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 20.521, 163.989

Background



This preview shows how black text looks on a background with the CIELCh color 59, 20.521, 163.989.



This preview shows how white text looks on a background with the CIELCh color 59, 20.521, 163.989.

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, 20.521, 163.989

Protanopia
59, 8.930, 90.501

Deuteranopia
59, 8.557, 27.751



Tritanopia
59, 13.770, 228.246

Trichromacy



Original Color
59, 20.521, 163.989

Protanomaly
59, 10.759, 135.436

Deuteranomaly
59, 4.685, 124.326

Tritanomaly
59, 14.007, 198.130

Monochromacy



Original Color
59, 20.521, 163.989

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 8.067, 164.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 20.521, 163.989 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(106, 151, 131)` looks like.

```
.text, #text, p{  
    color:rgb(106, 151, 131)  
}
```

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(106, 151, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 151, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 20.521, 163.989 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(106, 151, 131) }
```

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

```
.border{ border-color:rgb(106, 151, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 151, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 151, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 151, 131); box-shadow:4px 4px 4px 4px rgb(106, 151, 131) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 20.521, 163.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 151, 131) }
```

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

```
.background{ background-color: rgb(106,  
151, 131) }
```

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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