

Converting Colors

CIELCh(60, 20.075, 180.082)

Have a look what the booklet for
CIELCh(60, 20.075, 180.082)
contains.

CIELCh(60, 20.410, 179.749)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(60, 20.410, 179.749)

Conversions

Conversions Part 1

Format	Color
Hex	659B90
RGB	101, 155, 144
RGB Percent	40%, 61%, 56%
CMY	0.6048, 0.3931, 0.4362
CMYK	0.35, 0.00, 0.07, 0.39
HSL	168°, 21%, 50%
HSV	168°, 35%, 61%
XYZ	22.0390, 28.1233, 30.5589
YIQ	137.6000, -28.6530, -14.8690

Conversions

Conversions Part 2

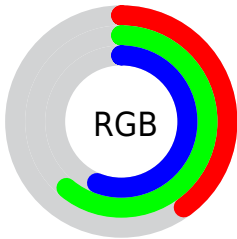
Format	Color
RYB	101, 131, 155
Decimal	6658960
CIELab	60.00, -20.41, 0.09
CIElCh	60, 20.410, 179.749
Yxy	28.1233, 0.2730, 0.3484
Android (android.graphics.Color)	4284849040 (0xFF659B90)
YUV	137.6000, 3.1552, -32.0982
Hunter-Lab	53.0314, -18.6233, 2.9567

Details

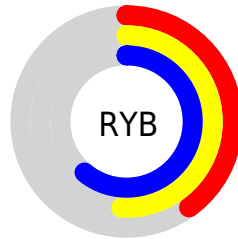
The CIELCh color `60, 20.410, 179.749` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `49, 23.525, 6.940`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 20.498, 179.687`, and `40, 20.644, 179.656` is the 20% darker color. If you saturate the color by 10%, you get `59, 25.499, 178.677`, and if you desaturate by 10%, it is `61, 14.902, 180.749`.

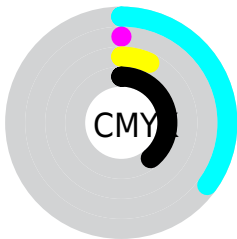
Distribution



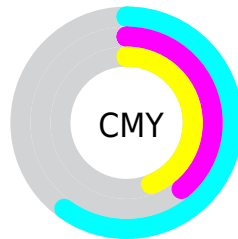
- Red (40%)
- Green (61%)
- Blue (56%)



- Red (40%)
- Yellow (51%)
- Blue (61%)



- Cyan (35%)
- Magenta (0%)
- Yellow (7%)
- Black (39%)





- Cyan (60%)
- Magenta (39%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 20.410, 179.749 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 60, 20.410, 179.749 by changing the saturation by 10% instead.


 60, 20.410,
179.749


 60, 20.410,
179.749


 100, 20.410,
179.749


 50, 20.410,
179.749


 80, 20.410,
179.749

 40, 20.410,
179.749

 90, 20.410,
179.749

 30, 20.410,
179.749

 20, 20.410,
179.749

 10, 20.410,
179.749

 0, 20.410, 179.749

 60, 20.410,

 60, 20.410,

179.749

179.749

■ 59, 25.499,
178.677

■ 61, 14.902,
180.749

■ 58, 30.069,
177.522

■ 62, 9.072, 181.704

■ 58, 34.038,
176.260

■ 63, 3.014, 182.688

■ 65, 3.187, 3.268

■ 57, 37.345,
174.869

■ 66, 9.463, 4.174

■ 57, 39.973,
173.328

■ 68, 15.755, 4.981

■ 69, 22.021, 5.751

■ 57, 41.959,
171.625

■ 71, 28.226, 6.493

■ 57, 42.869,
170.752

■ 73, 34.348, 7.211

Harmonies

Complementary

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



60, 20.410, 179.749



49, 23.525, 6.940

Rectangle

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



60, 20.410, 179.749



60, 20.410, 229.749



60, 20.410, 359.749



60, 20.410, 49.749

Sweetspot

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



60, 20.411, 179.747



80, 7.602, 182.148



60, 34.606, 136.503



42, 5.219, 182.023



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 20.411, 179.747



76, 29.772, 178.904



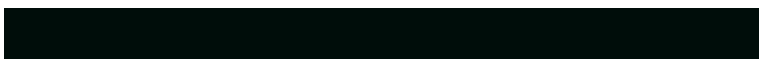
56, 15.605, 232.779



32, 3.438, 182.242



52, 39.807, 170.925



3, 3.784, 181.973

Inverse Universe

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



49, 23.525, 6.940



59, 35.551, 8.270



52, 19.378, 47.812



30, 3.561, 3.742



29, 58.758, 27.825



1, 3.758, 3.227

Previews

White Background



This preview shows how the CIELCh color 60, 20.410, 179.749 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 60, 20.410, 179.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

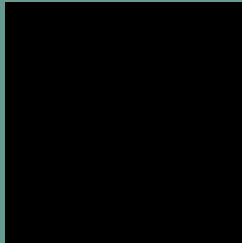
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 20.410, 179.749

Background



This preview shows how black text looks on a background with the CIELCh color 60, 20.410, 179.749.

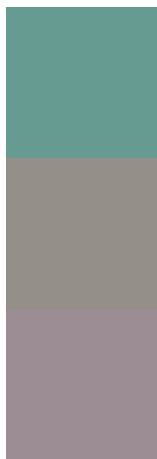


This preview shows how white text looks on a background with the CIELCh color 60, 20.410, 179.749.

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
60, 20.410, 179.749

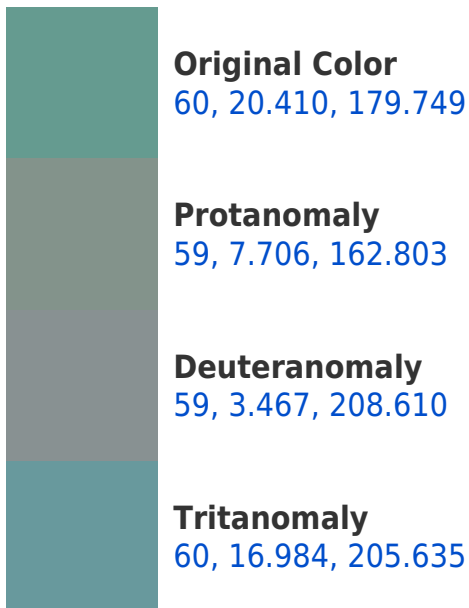
Protanopia
60, 3.906, 79.205

Deuteranopia
60, 7.418, 348.003



Tritanopia
60, 16.757, 222.185

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 20.410, 179.749 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(101, 155, 144)` looks like.

```
.text, #text, p{  
    color:rgb(101, 155, 144)  
}
```

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(101, 155, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 155, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 20.410, 179.749 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(101, 155, 144) }
```

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

```
.border{ border-color:rgb(101, 155, 144) }
```

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

Here you see how a box with a 4 pixel rgb(101, 155, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 155, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 155, 144);  
box-shadow:4px 4px 4px 4px rgb(101, 155,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 20.410, 179.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 155, 144) }
```

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

```
.background{ background-color: rgb(101,  
155, 144) }
```

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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