

Converting Colors

CIELCh(60, 21.006, 195.980)

Have a look what the booklet for
CIELCh(60, 21.006, 195.980)
contains.

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Color

CIELCh(60, 21.006, 195.980)

Conversions

Conversions Part 1

Format	Color
Hex	5D9B9A
RGB	93, 155, 154
RGB Percent	36%, 61%, 60%
CMY	0.6351, 0.3920, 0.3959
CMYK	0.40, 0.00, 0.01, 0.39
HSL	179°, 25%, 49%
HSV	179°, 40%, 61%
XYZ	22.0854, 28.1233, 34.8574
YIQ	136.3480, -36.6310, -13.4550

Conversions

Conversions Part 2

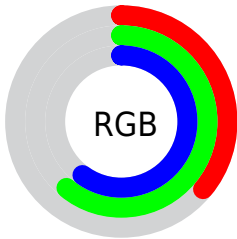
Format	Color
R_{YB}	93, 124, 155
Decimal	6134682
CIE _{Lab}	60.00, -20.19, -5.78
CIE _{LCh}	60, 21.006, 195.980
Yxy	28.1233, 0.2596, 0.3306
Android (android.graphics.Color)	4284324762 (0xFF5D9B9A)
YUV	136.3480, 8.7024, -38.0162
Hunter-Lab	53.0314, -18.4671, -1.8491

Details

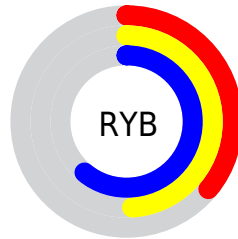
The CIELCh color `60, 21.006, 195.980` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `46, 27.455, 21.972`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 21.039, 194.982`, and `40, 21.100, 195.242` is the 20% darker color. If you saturate the color by 10%, you get `59, 25.030, 195.543`, and if you desaturate by 10%, it is `61, 16.401, 196.456`.

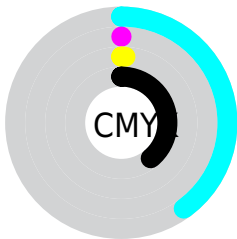
Distribution



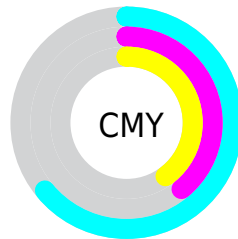
- Red (36%)
- Green (61%)
- Blue (60%)



- Red (36%)
- Yellow (49%)
- Blue (61%)



- Cyan (40%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)





- Cyan (64%)
- Magenta (39%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 21.006, 195.980 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, 21.006, 195.980 by changing the saturation by 10% instead.


 60, 21.006,
195.980


 60, 21.006,
195.980


 100, 21.006,
195.980


 50, 21.006,
195.980


 80, 21.006,
195.980

 40, 21.006,
195.980

 90, 21.006,
195.980

 30, 21.006,
195.980

 20, 21.006,
195.980

 10, 21.006,
195.980

 0, 21.006, 195.980

 60, 21.006,

 60, 21.006,

195.980

■ 59, 25.030,
195.543

■ 59, 28.398,
195.153

■ 58, 31.060,
194.807

■ 58, 32.998,
194.499

■ 58, 34.238,
194.223

■ 58, 34.976,
193.969

■ 58, 34.977,
193.969

195.980

■ 61, 16.401,
196.456

■ 62, 11.302,
196.981

■ 63, 5.802, 197.565

■ 64, 0.012, 337.623

■ 65, 6.050, 18.583

■ 67, 12.249, 19.235

■ 68, 18.546, 19.873

■ 70, 24.893, 20.510

■ 72, 31.252, 21.145

Harmonies

Complementary

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



60, 21.006, 195.980



46, 27.455, 21.972

Rectangle

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



60, 21.006, 195.980



60, 21.006, 245.980



60, 21.006, 15.980



60, 21.006, 65.980

Sweetspot

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



60, 21.006, 195.977



79, 8.581, 197.425



59, 42.144, 141.130



42, 5.720, 197.354



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, 21.006, 195.977



76, 29.911, 195.587



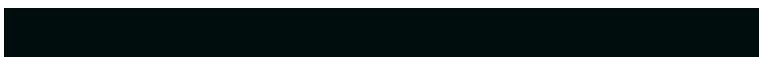
51, 20.008, 260.213



32, 3.254, 197.615



53, 32.501, 193.989



3, 3.598, 197.892

Inverse Universe

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



46, 27.455, 21.972



56, 41.887, 23.540



54, 22.635, 68.831



30, 3.438, 18.586



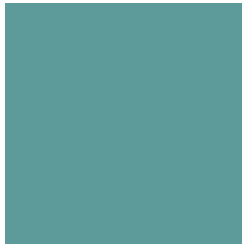
28, 65.570, 38.410



1, 3.598, 18.082

Previews

White Background



This preview shows how the CIE LCh color 60, 21.006, 195.980 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, 21.006, 195.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

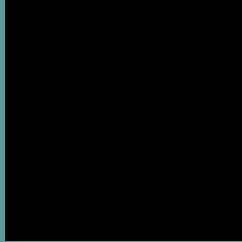
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 21.006, 195.980

Background



This preview shows how black text looks on a background with the CIELCh color 60, 21.006, 195.980.



This preview shows how white text looks on a background with the CIELCh color 60, 21.006, 195.980.

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, 21.006, 195.980

Protanopia
60, 2.559, 317.346

Deuteranopia
60, 10.692, 316.349



Tritanopia
60, 19.775, 219.886

Trichromacy



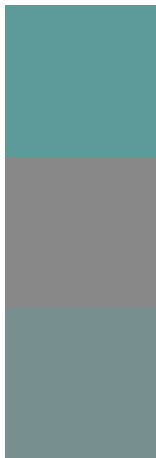
Original Color
60, 21.006, 195.980

Protanomaly
60, 7.570, 211.789

Deuteranomaly
59, 7.966, 250.706

Tritanomaly
60, 19.885, 211.002

Monochromacy



Original Color
60, 21.006, 195.980

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 8.595, 198.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 21.006, 195.980 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(93, 155, 154)` looks like.

```
.text, #text, p{  
    color:rgb(93, 155, 154)  
}
```

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(93, 155, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 155, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 21.006, 195.980 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(93, 155, 154) }
```

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

```
.border{ border-color:rgb(93, 155, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 155, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 155, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 155, 154);  
box-shadow:4px 4px 4px 4px rgb(93, 155,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 21.006, 195.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 155, 154) }
```

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

```
.background{ background-color: rgb(93, 155,  
154) }
```

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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