

Converting Colors

CIELCh(62, 20.300, 190.818)

Have a look what the booklet for
CIELCh(62, 20.300, 190.818)
contains.

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Color

CIELCh(62, 20.206, 191.203)

Conversions

Conversions Part 1

Format	Color
Hex	66A09C
RGB	102, 160, 156
RGB Percent	40%, 63%, 61%
CMY	0.5997, 0.3722, 0.3879
CMYK	0.36, 0.00, 0.03, 0.37
HSL	176°, 23%, 51%
HSV	176°, 36%, 63%
XYZ	24.0813, 30.4025, 36.0876
YIQ	142.2020, -33.2840, -13.5400

Conversions

Conversions Part 2

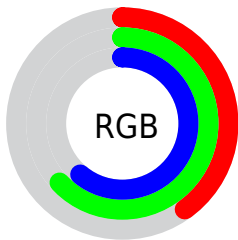
Format	Color
RYB	102, 132, 160
Decimal	6725788
CIELab	62.00, -19.82, -3.93
CIElCh	62, 20.206, 191.203
Yxy	30.4025, 0.2659, 0.3357
Android (android.graphics.Color)	4284915868 (0xFF66A09C)
YUV	142.2020, 6.8024, -35.2572
Hunter-Lab	55.1385, -18.5339, -0.2078

Details

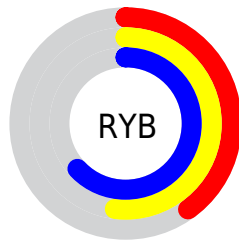
The CIELCh color **62, 20.206, 191.203** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 25.044, 17.428**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 20.433, 190.465**, and **42, 20.112, 191.847** is the 20% darker color. If you saturate the color by 10%, you get **61, 24.742, 190.509**, and if you desaturate by 10%, it is **63, 15.136, 191.895**.

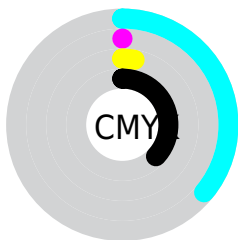
Distribution



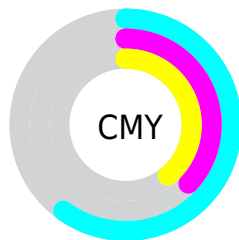
- Red (40%)
- Green (63%)
- Blue (61%)



- Red (40%)
- Yellow (52%)
- Blue (63%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (37%)





- Cyan (60%)
- Magenta (37%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 20.206, 191.203 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 62, 20.206, 191.203 by changing the saturation by 10% instead.


 62, 20.206,
191.203


 62, 20.206,
191.203


 100, 20.206,
191.203


 52, 20.206,
191.203


 82, 20.206,
191.203

 42, 20.206,
191.203

 92, 20.206,
191.203

 32, 20.206,
191.203

 22, 20.206,
191.203

 12, 20.206,
191.203

 2, 20.206, 191.203

 0, 20.206, 191.203

62, 20.206,
191.203

62, 20.206,
191.203

61, 24.742,
190.509

63, 15.136,
191.895

61, 28.654,
189.814

64, 9.627, 192.602

65, 3.776, 193.370

60, 31.873,
189.107

66, 2.326, 13.748

60, 34.359,
188.374

68, 8.601, 14.591

59, 36.114,
187.601

69, 14.981, 15.312

71, 21.414, 16.015

59, 37.211,
186.778

73, 27.855, 16.708

59, 37.561,
186.468

75, 34.272, 17.390

Harmonies

Complementary

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



62, 20.206, 191.203



50, 25.044, 17.428

Rectangle

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



62, 20.206, 191.203



62, 20.206, 241.203



62, 20.206, 11.203



62, 20.206, 61.203

Sweetspot

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



62, 20.206, 191.200



82, 8.203, 192.971



61, 38.496, 139.895



43, 5.486, 192.877



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 20.206, 191.200



78, 28.909, 190.675



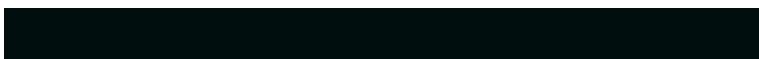
55, 17.582, 251.274



33, 3.372, 193.122



53, 34.524, 186.558



3, 4.513, 192.448

Inverse Universe

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



50, 25.044, 17.428



60, 37.713, 18.693



56, 20.509, 62.163



31, 3.544, 14.315



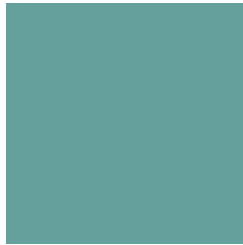
29, 64.780, 36.352



1, 4.499, 13.975

Previews

White Background



This preview shows how the CIE LCh color 62, 20.206, 191.203 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62, 20.206, 191.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

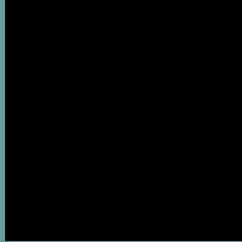
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 20.206, 191.203

Background



This preview shows how black text looks on a background with the CIELCh color 62, 20.206, 191.203.

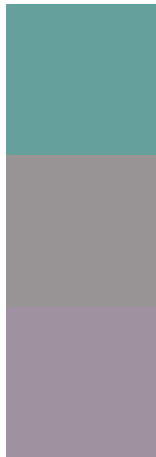


This preview shows how white text looks on a background with the CIELCh color 62, 20.206, 191.203.

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
62, 20.206, 191.203

Protanopia
62, 1.656, 359.509

Deuteranopia
62, 9.548, 324.891



Tritanopia
62, 18.477, 221.489

Trichromacy



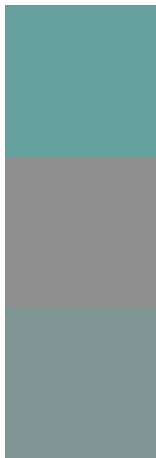
Original Color
62, 20.206, 191.203

Protanomaly
61, 6.728, 198.847

Deuteranomaly
61, 6.244, 245.373

Tritanomaly
62, 18.463, 210.275

Monochromacy



Original Color
62, 20.206, 191.203

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 8.339, 190.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 20.206, 191.203 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(102, 160, 156)` looks like.

```
.text, #text, p{  
    color:rgb(102, 160, 156)  
}
```

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(102, 160, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 160, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 20.206, 191.203 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(102, 160, 156) }
```

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

```
.border{ border-color:rgb(102, 160, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 160, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 160, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 160, 156);  
box-shadow:4px 4px 4px 4px rgb(102, 160,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 20.206, 191.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 160, 156) }
```

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

```
.background{ background-color: rgb(102,  
160, 156) }
```

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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