

Converting Colors

CIELCh(62, 22.047, 197.500)

Have a look what the booklet for
CIELCh(62, 22.047, 197.500)
contains.

CIELCh(62, 21.992, 197.508)	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(62, 21.992, 197.508)

Conversions

Conversions Part 1

Format	Color
Hex	5FA1A1
RGB	95, 161, 161
RGB Percent	37%, 63%, 63%
CMY	0.6283, 0.3695, 0.3695
CMYK	0.41, 0.00, 0.00, 0.37
HSL	180°, 26%, 50%
HSV	180°, 41%, 63%
XYZ	23.8191, 30.4025, 38.2332
YIQ	141.2660, -39.3360, -13.9920

Conversions

Conversions Part 2

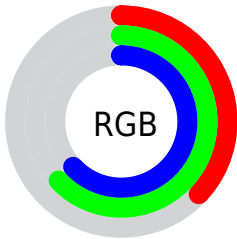
Format	Color
RYB	95, 128, 161
Decimal	6267297
CIELab	62.00, -20.97, -6.62
CIElCh	62, 21.992, 197.508
Yxy	30.4025, 0.2576, 0.3288
Android (android.graphics.Color)	4284457377 (0xFF5FA1A1)
YUV	141.2660, 9.7289, -40.5753
Hunter-Lab	55.1385, -19.3826, -2.5149

Details

The CIELCh color **62, 21.992, 197.508** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 29.258, 23.349**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 21.995, 197.880**, and **42, 21.810, 198.544** is the 20% darker color. If you saturate the color by 10%, you get **61, 26.011, 197.165**, and if you desaturate by 10%, it is **63, 17.355, 197.906**.

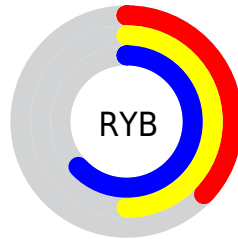
Distribution



Red (37%)

Green (63%)

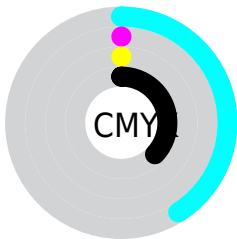
Blue (63%)



Red (37%)

Yellow (50%)

Blue (63%)

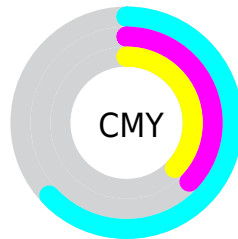


Cyan (41%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (63%)

Magenta (37%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 21.992, 197.508 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, 21.992, 197.508 by changing the saturation by 10% instead.

 62, 21.992,
197.508

 62, 21.992,
197.508

 100, 21.992,
197.508

 52, 21.992,
197.508


 82, 21.992,
197.508

 42, 21.992,
197.508

 92, 21.992,
197.508

 32, 21.992,
197.508

 22, 21.992,
197.508

 12, 21.992,
197.508

 2, 21.992, 197.508

 0, 21.992, 197.508

62, 21.992,
197.508

62, 21.992,
197.508

61, 26.011,
197.165

63, 17.355,
197.906

61, 29.338,
196.888

64, 12.187,
198.364

60, 31.928,
196.675

65, 6.584, 198.889

60, 33.771,
196.525

66, 0.638, 200.083

67, 5.564, 19.824

60, 34.904,
196.433

69, 11.946, 20.453

60, 35.498,
196.385

70, 18.446, 21.067

72, 25.009, 21.684

74, 31.595, 22.303

Harmonies

Complementary

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



62, 21.992, 197.508



48, 29.258, 23.349

Rectangle

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



62, 21.992, 197.508



62, 21.992, 247.508



62, 21.992, 17.508



62, 21.992, 67.508

Sweetspot

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



62, 21.992, 197.505



82, 8.830, 198.822



61, 44.516, 141.019



43, 5.826, 198.756



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, 21.992, 197.505



78, 31.110, 197.200



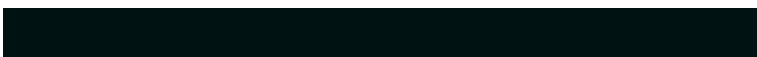
53, 21.133, 260.486



34, 3.428, 198.993



54, 32.967, 196.385



4, 5.463, 199.421

Inverse Universe

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



48, 29.258, 23.349



57, 44.443, 24.923



56, 24.005, 68.689



32, 3.629, 19.902



30, 68.063, 39.264



1, 5.464, 19.404

Previews

White Background



This preview shows how the CIELCh color 62, 21.992, 197.508 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, 21.992, 197.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

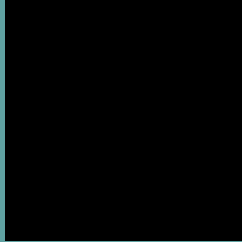
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 21.992, 197.508

Background



This preview shows how black text looks on a background with the CIELCh color 62, 21.992, 197.508.




This preview shows how white text looks on a background with the CIELCh color 62, 21.992, 197.508.

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](#).

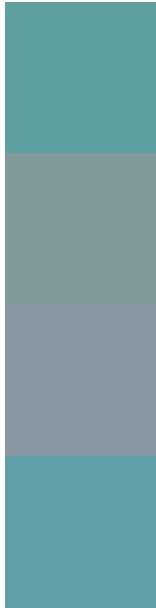
Dichromacy





Tritanopia
62, 20.774, 218.580

Trichromacy



Original Color
62, 21.992, 197.508

Protanomaly
62, 8.562, 210.108

Deuteranomaly
62, 9.001, 247.766

Tritanomaly
62, 20.938, 210.192

Monochromacy



Original Color
62, 21.992, 197.508

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 8.908, 198.614

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 21.992, 197.508 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(95, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(95, 161, 161)  
}
```

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(95, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 161, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 21.992, 197.508 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(95, 161, 161) }
```

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

```
.border{ border-color:rgb(95, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(95, 161,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 21.992, 197.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 161, 161) }
```

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

```
.background{ background-color: rgb(95, 161,  
161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor