

Converting Colors

CIELCh(63, 20.230, 158.120)

Have a look what the booklet for
CIELCh(63, 20.230, 158.120)
contains.

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Color

CIELCh(63, 20.650, 157.221)

Conversions

Conversions Part 1

Format	Color
Hex	79A28A
RGB	121, 162, 138
RGB Percent	47%, 64%, 54%
CMY	0.5268, 0.3660, 0.4601
CMYK	0.25, 0.00, 0.15, 0.37
HSL	145°, 18%, 55%
HSV	145°, 25%, 63%
XYZ	25.2628, 31.5869, 28.6849
YIQ	147.0050, -16.7320, -16.1560

Conversions

Conversions Part 2

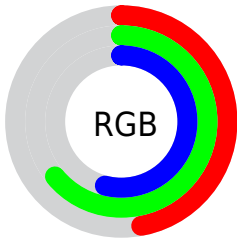
Format	Color
RYB	121, 150, 162
Decimal	7971466
CIELab	63.00, -19.04, 8.00
CIELCh	63, 20.650, 157.221
Yxy	31.5869, 0.2954, 0.3693
Android (android.graphics.Color)	4286161546 (0xFF79A28A)
YUV	147.0050, -4.4395, -22.8064
Hunter-Lab	56.2022, -18.1185, 9.0808

Details


The CIELCh color $63, 20.650, 157.221$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $55, 21.062, 341.353$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 20.838, 156.819$, and $43, 20.617, 157.296$ is the 20% darker color. If you saturate the color by 10%, you get $62, 28.635, 156.183$, and if you desaturate by 10%, it is $64, 12.521, 158.142$.

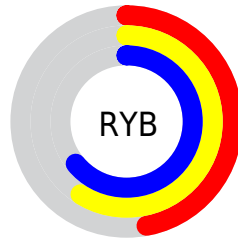
Distribution



 Red (47%)

 Green (64%)

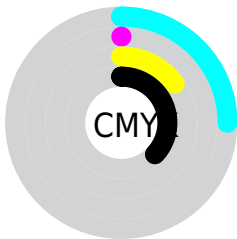
 Blue (54%)



 Red (47%)

 Yellow (59%)

 Blue (64%)

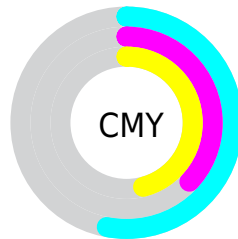


 Cyan (25%)


 Magenta (0%)

 Yellow (15%)

 Black (37%)



 Cyan (53%)


 Magenta (37%)


 Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 20.650, 157.221 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 63, 20.650, 157.221 by changing the saturation by 10% instead.


 63, 20.650,
157.221


 63, 20.650,
157.221


 100, 20.650,
157.221


 53, 20.650,
157.221


 83, 20.650,
157.221

 43, 20.650,
157.221

 93, 20.650,
157.221

 33, 20.650,
157.221

 23, 20.650,
157.221

 13, 20.650,
157.221

 3, 20.650, 157.221

 0, 20.650, 157.221

63, 20.650,
157.221

63, 20.650,
157.221

62, 28.635,
156.183

64, 12.521,
158.142

61, 36.344,
155.007

66, 4.352, 159.001

60, 43.642,
153.667

67, 3.766, 339.567

59, 50.392,
152.143

69, 11.767,
340.280

59, 56.479,
150.422

71, 19.602,
340.886

59, 61.828,
148.504

73, 27.238,
341.436

58, 66.425,
146.423

75, 34.657,
341.940

58, 68.410,

77, 41.848,
342.407

145.494

 77, 46.061,
339.069

Harmonies

Complementary

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



63, 20.650, 157.221



55, 21.062, 341.353

Rectangle

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



63, 20.650, 157.221



63, 20.650, 207.221



63, 20.650, 337.221



63, 20.650, 27.221

Sweetspot

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



63, 20.651, 157.220



82, 8.029, 158.758



64, 23.537, 124.248



43, 5.698, 158.637



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 20.651, 157.220



79, 30.060, 156.697



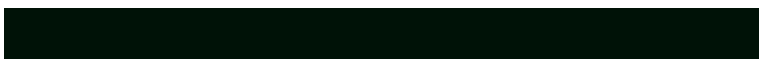
64, 14.950, 189.248



34, 4.642, 158.663



53, 62.982, 145.710



4, 7.428, 157.521

Inverse Universe

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



55, 21.062, 341.353



68, 30.762, 341.836



55, 17.101, 13.556



32, 4.682, 339.981



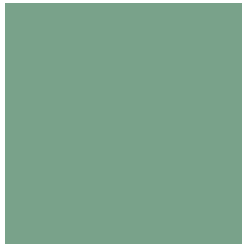
31, 57.315, 353.495



1, 6.945, 342.049

Previews

White Background



This preview shows how the CIELCh color 63, 20.650, 157.221 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 63, 20.650, 157.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

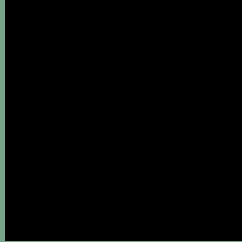
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 20.650, 157.221

Background



This preview shows how black text looks on a background with the CIELCh color 63, 20.650, 157.221.

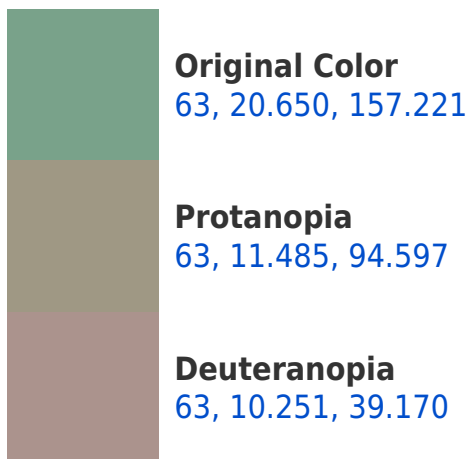


This preview shows how white text looks on a background with the CIELCh color 63, 20.650, 157.221.

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
63, 12.574, 234.195

Trichromacy



Original Color
63, 20.650, 157.221

Protanomaly
63, 13.020, 128.458

Deuteranomaly
63, 6.698, 106.040

Tritanomaly
63, 12.320, 195.721

Monochromacy



Original Color
63, 20.650, 157.221

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 7.356, 161.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 20.650, 157.221 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(121, 162, 138)` looks like.

```
.text, #text, p{  
    color:rgb(121, 162, 138)  
}
```

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(121, 162, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 162, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 20.650, 157.221 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(121, 162, 138) }
```

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

```
.border{ border-color:rgb(121, 162, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 162, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 162, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 162, 138); box-shadow:4px 4px 4px 4px rgb(121, 162, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 20.650, 157.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 162, 138) }
```

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

```
.background{ background-color: rgb(121,  
162, 138) }
```

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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