

Converting Colors

CIELCh(62, 19.715, 155.949)

Have a look what the booklet for
CIELCh(62, 19.715, 155.949)
contains.

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Color

CIELCh(62, 20.177, 155.944)

Conversions

Conversions Part 1

Format	Color
Hex	789F87
RGB	120, 159, 135
RGB Percent	47%, 62%, 53%
CMY	0.5306, 0.3777, 0.4718
CMYK	0.25, 0.00, 0.15, 0.38
HSL	143°, 17%, 55%
HSV	143°, 25%, 62%
XYZ	24.4016, 30.4025, 27.3935
YIQ	144.6030, -15.5400, -15.7320

Conversions

Conversions Part 2

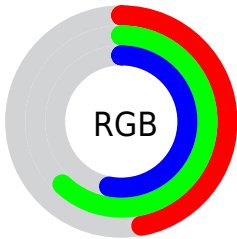
Format	Color
RYB	120, 148, 159
Decimal	7905159
CIELab	62.00, -18.42, 8.22
CIELCh	62, 20.177, 155.944
Yxy	30.4025, 0.2969, 0.3699
Android (android.graphics.Color)	4286095239 (0xFF789F87)
YUV	144.6030, -4.7343, -21.5768
Hunter-Lab	55.1385, -17.4971, 9.1410

Details

The CIELCh color $62, 20.177, 155.944$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $55, 20.506, 339.807$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 20.373, 155.578$, and $42, 20.151, 155.993$ is the 20% darker color. If you saturate the color by 10%, you get $61, 28.262, 154.934$, and if you desaturate by 10%, it is $63, 11.968, 156.838$.

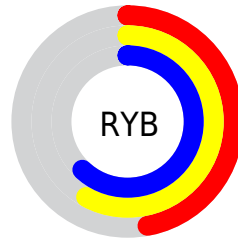
Distribution



Red (47%)

Green (62%)

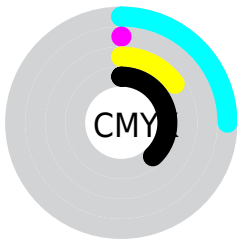
Blue (53%)



Red (47%)

Yellow (58%)

Blue (62%)

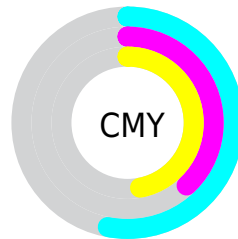


Cyan (25%)

Magenta (0%)

Yellow (15%)

Black (38%)



Cyan (53%)

Magenta (38%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 20.177, 155.944 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, 20.177, 155.944 by changing the saturation by 10% instead.


 62, 20.177,
155.944


 62, 20.177,
155.944


 100, 20.177,
155.944


 52, 20.177,
155.944


 82, 20.177,
155.944

 42, 20.177,
155.944


 92, 20.177,
155.944

 32, 20.177,
155.944

 22, 20.177,
155.944

 12, 20.177,
155.944

 2, 20.177, 155.944

 0, 20.177, 155.944

■ 62, 20.177,
155.944

■ 62, 20.177,
155.944

■ 61, 28.262,
154.934

■ 63, 11.968,
156.838

■ 60, 36.091,
153.787

■ 65, 3.737, 157.677

■ 59, 43.526,
152.477

■ 66, 4.427, 338.223

■ 58, 50.427,
150.986

■ 68, 12.461,
338.896

■ 58, 56.670,
149.301

■ 70, 20.317,
339.473

■ 57, 62.167,
147.425

■ 72, 27.966,
339.994


■ 57, 66.885,
145.391

■ 74, 35.391,
340.471

■ 57, 69.232,

■ 76, 42.582,
340.911

144.328

 77, 47.739,
338.796

Harmonies

Complementary

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



62, 20.177, 155.944



55, 20.506, 339.807

Rectangle

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



62, 20.177, 155.944



62, 20.177, 205.944



62, 20.177, 335.944



62, 20.177, 25.944

Sweetspot

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



62, 20.178, 155.943



82, 7.108, 157.455



63, 22.393, 123.657



43, 4.657, 157.410



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, 20.178, 155.943



78, 29.470, 155.456



63, 14.397, 187.886



33, 4.623, 157.281



52, 63.784, 144.542



3, 6.129, 157.037

Inverse Universe

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



55, 20.506, 339.807



68, 30.027, 340.245



54, 16.303, 12.160



31, 4.657, 338.557



31, 57.371, 350.933



1, 5.906, 339.403

Previews

White Background



This preview shows how the CIELCh color 62, 20.177, 155.944 looks on a white background.

Color Contrast Check

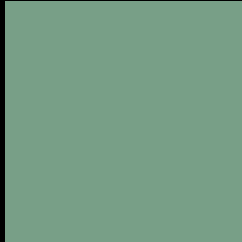
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 20.177, 155.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

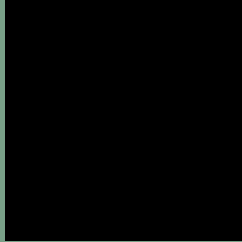
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 20.177, 155.944

Background



This preview shows how black text looks on a background with the CIELCh color 62, 20.177, 155.944.

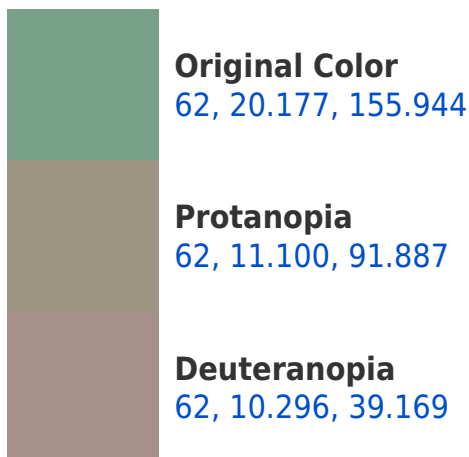


This preview shows how white text looks on a background with the CIELCh color 62, 20.177, 155.944.

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, 12.073, 236.094

Trichromacy



Original Color
62, 20.177, 155.944

Protanomaly
62, 12.403, 127.629

Deuteranomaly
61, 6.722, 106.024

Tritanomaly
62, 11.672, 195.612

Monochromacy



Original Color
62, 20.177, 155.944

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 7.086, 159.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 20.177, 155.944 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(120, 159, 135)` looks like.

```
.text, #text, p{  
    color:rgb(120, 159, 135)  
}
```

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(120, 159, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 159, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 20.177, 155.944 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(120, 159, 135) }
```

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

```
.border{ border-color:rgb(120, 159, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 159, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 159, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 159, 135);  
box-shadow:4px 4px 4px 4px rgb(120, 159,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 20.177, 155.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 159, 135) }
```

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

```
.background{ background-color: rgb(120,  
159, 135) }
```

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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