

Converting Colors

CIELCh(62, 26.117, 127.806)

Have a look what the booklet for
CIELCh(62, 26.117, 127.806)
contains.

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Color

CIELCh(62, 25.981, 127.799)

Conversions

Conversions Part 1

Format	Color
Hex	879D71
RGB	135, 157, 113
RGB Percent	53%, 62%, 44%
CMY	0.4711, 0.3848, 0.5573
CMYK	0.14, 0.00, 0.28, 0.38
HSL	90°, 18%, 53%
HSV	90°, 28%, 62%
XYZ	24.9822, 30.4025, 20.1397
YIQ	145.4060, 1.0120, -18.3480

Conversions

Conversions Part 2

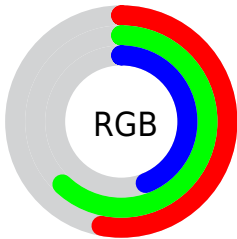
Format	Color
RYB	113, 157, 135
Decimal	8887665
CIELab	62.00, -15.92, 20.53
CIELCh	62, 25.981, 127.799
Yxy	30.4025, 0.3308, 0.4026
Android (android.graphics.Color)	4287077745 (0xFF879D71)
YUV	145.4060, -15.9762, -9.1261
Hunter-Lab	55.1385, -15.6173, 16.9409

Details

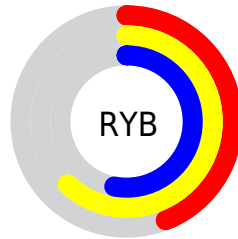
The CIELCh color $62, 25.981, 127.799$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $51, 26.991, 310.393$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 26.207, 127.676$, and $42, 25.964, 127.796$ is the 20% darker color. If you saturate the color by 10%, you get $61, 35.086, 127.326$, and if you desaturate by 10%, it is $63, 16.740, 128.276$.

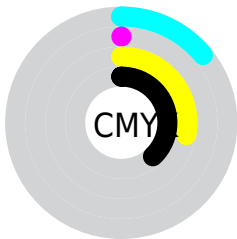
Distribution



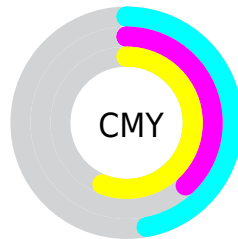
- Red (53%)
- Green (62%)
- Blue (44%)



- Red (44%)
- Yellow (62%)
- Blue (53%)



- Cyan (14%)
- Magenta (0%)
- Yellow (28%)
- Black (38%)





- Cyan (47%)
- Magenta (38%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 25.981, 127.799 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, 25.981, 127.799 by changing the saturation by 10% instead.


 62, 25.981,
127.799


 62, 25.981,
127.799


 100, 25.981,
127.799


 52, 25.981,
127.799


 82, 25.981,
127.799

 42, 25.981,
127.799

 92, 25.981,
127.799

 32, 25.981,
127.799

 22, 25.981,
127.799

 12, 25.981,
127.799

 2, 25.981, 127.799

 0, 25.981, 127.799

■ 62, 25.981,
127.799

■ 62, 25.981,
127.799

■ 61, 35.086,
127.326

■ 63, 16.740,
128.276

■ 60, 43.918,
126.884

■ 64, 7.452, 128.738

■ 60, 52.286,
126.523

■ 65, 1.816, 309.097

■ 59, 59.920,
126.322

■ 66, 11.018,
309.535

■ 59, 66.467,
126.386

■ 67, 20.119,
309.896

■ 58, 71.546,
126.836

■ 68, 29.095,
310.220


■ 58, 75.087,
127.684

■ 70, 37.931,
310.511

■ 58, 75.735,

■ 71, 46.616,
310.770

127.840

 72, 55.143,
311.001

Harmonies

Complementary

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



62, 25.981, 127.799



51, 26.991, 310.393

Rectangle

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



62, 25.981, 127.799



62, 25.981, 177.799



62, 25.981, 307.799



62, 25.981, 357.799

Sweetspot

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



62, 25.982, 127.801



81, 9.179, 128.733



58, 15.686, 72.011



42, 6.511, 128.668



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 25.982, 127.801



78, 38.913, 127.485



61, 30.191, 142.566



33, 5.273, 128.683



53, 70.610, 127.706



4, 6.946, 129.966

Inverse Universe

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



51, 26.991, 310.393



62, 40.826, 310.742



53, 30.194, 325.928



31, 5.343, 309.463



21, 80.854, 312.132



1, 6.870, 308.163

Previews

White Background



This preview shows how the CIELCh color 62, 25.981, 127.799 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, 25.981, 127.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

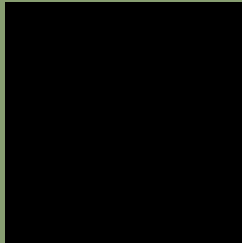
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 25.981, 127.799

Background



This preview shows how black text looks on a background with the CIELCh color 62, 25.981, 127.799.

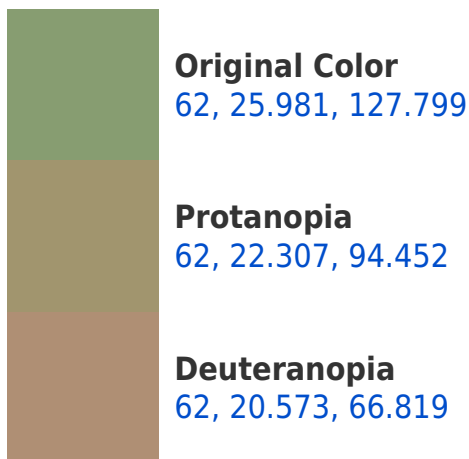


This preview shows how white text looks on a background with the CIELCh color 62, 25.981, 127.799.

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, 7.293, 267.104

Trichromacy



Original Color
62, 25.981, 127.799

Protanomaly
62, 22.716, 107.633

Deuteranomaly
62, 19.109, 92.702

Tritanomaly
62, 7.433, 156.073

Monochromacy



Original Color
62, 25.981, 127.799

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 9.544, 128.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 25.981, 127.799 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(135, 157, 113)` looks like.

```
.text, #text, p{  
    color:rgb(135, 157, 113)  
}
```

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(135, 157, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 157, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 25.981, 127.799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

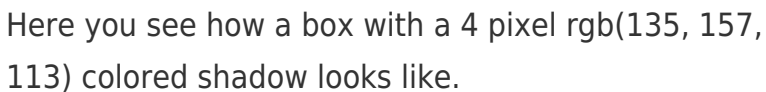
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 157, 113) }
```

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

```
.border{ border-color:rgb(135, 157, 113) }
```

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



Here you see how a box with a 4 pixel rgb(135, 157, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 157, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 157, 113); box-shadow:4px 4px 4px 4px rgb(135, 157, 113) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 25.981, 127.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 157, 113) }
```

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

```
.background{ background-color: rgb(135,  
157, 113) }
```

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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