

Converting Colors

CIELCh(62, 27.861, 156.893)

Have a look what the booklet for
CIELCh(62, 27.861, 156.893)
contains.

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Color

CIELCh(62, 27.754, 156.908)

Conversions

Conversions Part 1

Format	Color
Hex	6AA282
RGB	106, 162, 130
RGB Percent	42%, 64%, 51%
CMY	0.5853, 0.3657, 0.4912
CMYK	0.35, 0.00, 0.20, 0.37
HSL	146°, 23%, 52%
HSV	146°, 35%, 63%
XYZ	22.8010, 30.4025, 25.6979
YIQ	141.6080, -23.1040, -21.8240

Conversions

Conversions Part 2

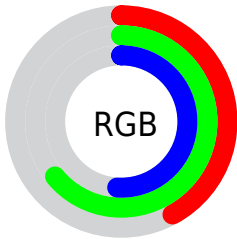
Format	Color
RYB	106, 145, 162
Decimal	6988418
CIELab	62.00, -25.53, 10.89
CIELCh	62, 27.754, 156.908
Yxy	30.4025, 0.2890, 0.3853
Android (android.graphics.Color)	4285178498 (0xFF6AA282)
YUV	141.6080, -5.7227, -31.2282
Hunter-Lab	55.1385, -22.6786, 10.9642

Details

The CIELCh color **62, 27.754, 156.908** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **52, 28.534, 342.958**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 27.664, 156.988**, and **42, 27.733, 157.378** is the 20% darker color. If you saturate the color by 10%, you get **61, 35.395, 155.735**, and if you desaturate by 10%, it is **63, 19.848, 157.942**.

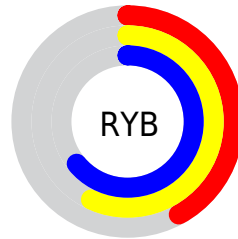
Distribution



Red (42%)

Green (64%)

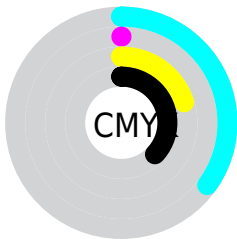
Blue (51%)



Red (42%)

Yellow (57%)

Blue (64%)

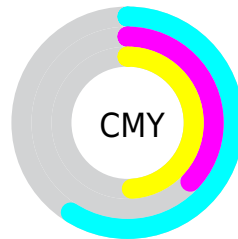


Cyan (35%)

Magenta (0%)

Yellow (20%)

Black (37%)



Cyan (59%)


Magenta (37%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 27.754, 156.908 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, 27.754, 156.908 by changing the saturation by 10% instead.

 62, 27.754,
156.908


 62, 27.754,
156.908

 100, 27.754,
156.908

 52, 27.754,
156.908

 82, 27.754,
156.908

 42, 27.754,
156.908

 92, 27.754,
156.908

 32, 27.754,
156.908

 22, 27.754,
156.908

 12, 27.754,
156.908

 2, 27.754, 156.908

 0, 27.754, 156.908

■ 62, 27.754,
156.908

■ 62, 27.754,
156.908

■ 61, 35.395,
155.735

■ 63, 19.848,
157.942

■ 60, 42.632,
154.402

■ 64, 11.799,
158.865

■ 60, 49.334,
152.887

■ 66, 3.714, 159.738

■ 59, 55.386,
151.174

■ 67, 4.320, 340.305

■ 59, 60.712,
149.262

■ 69, 12.238,
341.014

■ 58, 65.294,
147.174

■ 71, 19.992,
341.626

■ 58, 67.571,
146.080

■ 73, 27.551,
342.183

■ 75, 34.896,
342.696

■ 77, 42.016,
343.171

Harmonies

Complementary

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



62, 27.754, 156.908



52, 28.534, 342.958

Rectangle

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



62, 27.754, 156.908



62, 27.754, 206.908



62, 27.754, 336.908



62, 27.754, 26.908

Sweetspot

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



62, 27.755, 156.907



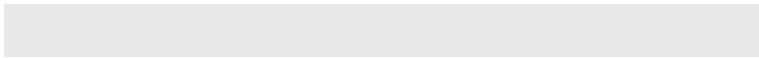
82, 9.941, 159.249



64, 32.134, 124.414



43, 6.771, 159.136



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, 27.755, 156.907



77, 41.164, 155.963



63, 19.698, 190.009



34, 4.594, 159.327



53, 62.186, 146.300



4, 7.361, 158.095

Inverse Universe

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



52, 28.534, 342.958



62, 42.485, 343.832



51, 23.997, 16.095



32, 4.636, 340.662



31, 56.995, 354.695



1, 6.883, 342.714

Previews

White Background



This preview shows how the CIELCh color 62, 27.754, 156.908 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, 27.754, 156.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

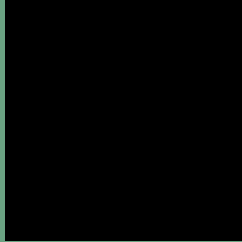
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 27.754, 156.908

Background



This preview shows how black text looks on a background with the CIELCh color 62, 27.754, 156.908.



This preview shows how white text looks on a background with the CIELCh color 62, 27.754, 156.908.

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, 27.754, 156.908

Protanopia
62, 14.983, 94.120

Deuteranopia
62, 11.698, 48.623



Tritanopia
62, 15.823, 225.967

Trichromacy



Original Color
62, 27.754, 156.908

Protanomaly
62, 17.280, 128.847

Deuteranomaly
61, 10.201, 118.088

Tritanomaly
62, 16.764, 192.116

Monochromacy



Original Color
62, 27.754, 156.908

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 10.639, 158.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 27.754, 156.908 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(106, 162, 130)` looks like.

```
.text, #text, p{  
    color:rgb(106, 162, 130)  
}
```

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(106, 162, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 162, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 27.754, 156.908 is called "border". The border property can be set on classes, ids or directly on the HTML element.

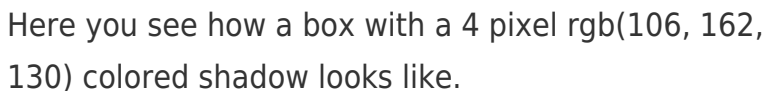
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 162, 130) }
```

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

```
.border{ border-color:rgb(106, 162, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 162, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 162, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 162, 130);  
box-shadow:4px 4px 4px 4px rgb(106, 162,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 27.754, 156.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 162, 130) }
```

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

```
.background{ background-color: rgb(106,  
162, 130) }
```

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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