

Converting Colors

CIELCh(62, 27.316, 144.527)

Have a look what the booklet for
CIELCh(62, 27.316, 144.527)
contains.

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Color

CIELCh(62, 27.354, 144.652)

Conversions

Conversions Part 1

Format	Color
Hex	76A079
RGB	118, 160, 121
RGB Percent	46%, 63%, 47%
CMY	0.5370, 0.3723, 0.5252
CMYK	0.26, 0.00, 0.24, 0.37
HSL	124°, 18%, 55%
HSV	124°, 26%, 63%
XYZ	23.5171, 30.4025, 22.7381
YIQ	142.9960, -12.5130, -21.0330

Conversions

Conversions Part 2

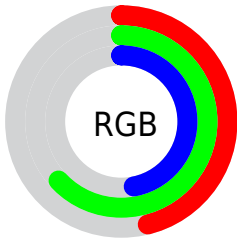
Format	Color
RYB	118, 157, 160
Decimal	7774329
CIELab	62.00, -22.31, 15.83
CIElCh	62, 27.354, 144.652
Yxy	30.4025, 0.3068, 0.3966
Android (android.graphics.Color)	4285964409 (0xFF76A079)
YUV	142.9960, -10.8440, -21.9215
Hunter-Lab	55.1385, -20.3604, 14.1469

Details

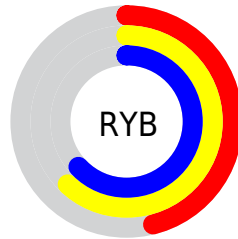
The CIELCh color $62, 27.354, 144.652$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $55, 27.380, 327.881$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 27.608, 144.348$, and $42, 27.335, 144.637$ is the 20% darker color. If you saturate the color by 10%, you get $61, 37.654, 143.761$, and if you desaturate by 10%, it is $63, 16.903, 145.423$.

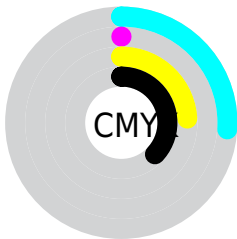
Distribution



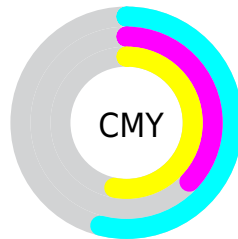
- Red (46%)
- Green (63%)
- Blue (47%)



- Red (46%)
- Yellow (62%)
- Blue (63%)



- Cyan (26%)
- Magenta (0%)
- Yellow (24%)
- Black (37%)





- Cyan (54%)
- Magenta (37%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 27.354, 144.652 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, 27.354, 144.652 by changing the saturation by 10% instead.


 62, 27.354,
144.652


 62, 27.354,
144.652


 100, 27.354,
144.652


 52, 27.354,
144.652


 82, 27.354,
144.652

 42, 27.354,
144.652

 92, 27.354,
144.652

 32, 27.354,
144.652

 22, 27.354,
144.652

 12, 27.354,
144.652

 2, 27.354, 144.652

 0, 27.354, 144.652

■ 62, 27.354,
144.652

■ 62, 27.354,
144.652

■ 61, 37.654,
143.761

■ 63, 16.903,
145.423

■ 60, 47.594,
142.742

■ 65, 6.456, 146.100

■ 59, 56.927,
141.598

■ 67, 3.865, 326.562

■ 58, 65.363,
140.361

■ 68, 13.976,
327.084

■ 58, 72.582,
139.093

■ 70, 23.822,
327.500

■ 58, 78.255,
137.900

■ 72, 33.370,
327.854


■ 57, 82.126,
136.925

■ 74, 42.605,
328.160

■ 57, 83.163,

■ 77, 51.524,
328.424

136.702

 78, 59.030,
326.503

Harmonies

Complementary

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



62, 27.354, 144.652



55, 27.380, 327.881

Rectangle

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



62, 27.354, 144.652



62, 27.354, 194.652



62, 27.354, 324.652



62, 27.354, 14.652

Sweetspot

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



62, 27.355, 144.652



82, 10.302, 145.974



65, 23.098, 110.578



43, 7.314, 145.879



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, 27.355, 144.652



78, 40.126, 144.191



62, 18.849, 164.992



33, 5.803, 145.902



51, 76.319, 136.797



3, 7.583, 146.318

Inverse Universe

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



55, 27.380, 327.881



68, 40.137, 328.181



54, 19.693, 349.903



31, 5.814, 326.911



33, 71.039, 331.228



1, 7.483, 326.882

Previews

White Background



This preview shows how the CIELCh color 62, 27.354, 144.652 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, 27.354, 144.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

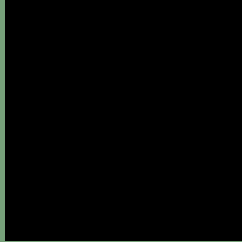
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 27.354, 144.652

Background



This preview shows how black text looks on a background with the CIELCh color 62, 27.354, 144.652.



This preview shows how white text looks on a background with the CIELCh color 62, 27.354, 144.652.

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, 27.354, 144.652

Protanopia

62, 18.872, 95.207

Deuteranopia

62, 15.930, 61.648



Tritanopia
62, 11.785, 233.734

Trichromacy



Original Color
62, 27.354, 144.652

Protanomaly
62, 19.802, 118.797

Deuteranomaly
62, 14.520, 105.301

Tritanomaly
62, 12.695, 182.828

Monochromacy



Original Color
62, 27.354, 144.652

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 9.881, 145.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 27.354, 144.652 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(118, 160, 121)` looks like.

```
.text, #text, p{  
    color:rgb(118, 160, 121)  
}
```

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(118, 160, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 160, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 27.354, 144.652 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(118, 160, 121) }
```

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

```
.border{ border-color:rgb(118, 160, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 160, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 160, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 160, 121);  
box-shadow:4px 4px 4px 4px rgb(118, 160,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 27.354, 144.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 160, 121) }
```

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

```
.background{ background-color: rgb(118,  
160, 121) }
```

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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