

Converting Colors

CIELCh(62, 29.709, 142.629)

Have a look what the booklet for
CIELCh(62, 29.709, 142.629)
contains.

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Color

CIELCh(62, 30.054, 142.620)

Conversions

Conversions Part 1

Format	Color
Hex	75A175
RGB	117, 161, 117
RGB Percent	46%, 63%, 46%
CMY	0.5425, 0.3700, 0.5425
CMYK	0.27, 0.00, 0.27, 0.37
HSL	120°, 19%, 54%
HSV	120°, 27%, 63%
XYZ	23.1659, 30.4025, 21.3749
YIQ	142.8280, -12.1000, -23.0120

Conversions

Conversions Part 2

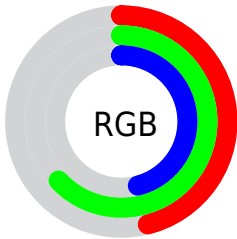
Format	Color
RYB	117, 161, 161
Decimal	7709045
CIELab	62.00, -23.88, 18.25
CIELCh	62, 30.054, 142.620
Yxy	30.4025, 0.3091, 0.4057
Android (android.graphics.Color)	4285899125 (0xFF75A175)
YUV	142.8280, -12.7332, -22.6512
Hunter-Lab	55.1385, -21.4973, 15.6127

Details

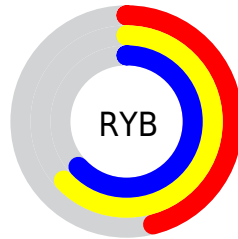
The CIELCh color **62, 30.054, 142.620** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **55, 30.060, 325.901**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 30.188, 142.503**, and **42, 30.167, 142.378** is the 20% darker color. If you saturate the color by 10%, you get **61, 40.846, 141.737**, and if you desaturate by 10%, it is **63, 19.061, 143.387**.

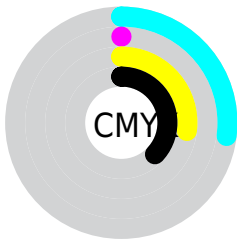
Distribution



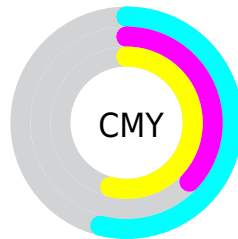
- Red (46%)
- Green (63%)
- Blue (46%)



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



- Cyan (27%)
- Magenta (0%)
- Yellow (27%)
- Black (37%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 30.054, 142.620 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, 30.054, 142.620 by changing the saturation by 10% instead.


 62, 30.054,
142.620


 62, 30.054,
142.620


 100, 30.054,
142.620


 52, 30.054,
142.620


 82, 30.054,
142.620

 42, 30.054,
142.620

 92, 30.054,
142.620

 32, 30.054,
142.620

 22, 30.054,
142.620

 12, 30.054,
142.620

 2, 30.054, 142.620

 0, 30.054, 142.620

■ 62, 30.054,
142.620

■ 62, 30.054,
142.620

■ 61, 40.846,
141.737

■ 63, 19.061,
143.387

■ 60, 51.191,
140.740

■ 65, 8.050, 144.055

■ 59, 60.784,
139.654

■ 67, 2.841, 324.505

■ 58, 69.258,
138.537

■ 68, 13.515,
325.035

■ 58, 76.191,
137.495

■ 70, 23.911,
325.440

■ 58, 81.174,
136.665

■ 72, 33.992,
325.780

■ 57, 84.116,
136.140

■ 75, 43.741,
326.069

■ 57, 84.785,

■ 77, 53.154,
326.316

136.018

 78, 58.748,
326.444

Harmonies

Complementary

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



62, 30.054, 142.620



55, 30.060, 325.901

Rectangle

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



62, 30.054, 142.620



62, 30.054, 192.620



62, 30.054, 322.620



62, 30.054, 12.620

Sweetspot

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



62, 30.055, 142.620



82, 10.818, 144.006



65, 24.118, 107.583



43, 7.681, 143.914



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, 30.055, 142.620



78, 44.798, 142.083



62, 20.747, 161.207



34, 6.257, 143.934



52, 78.788, 136.018



4, 9.702, 144.447

Inverse Universe

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



55, 30.060, 325.901



67, 44.771, 326.223



54, 21.449, 346.098



32, 6.267, 324.922



34, 76.012, 328.239



2, 9.703, 324.444

Previews

White Background



This preview shows how the CIELCh color 62, 30.054, 142.620 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, 30.054, 142.620 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, 30.054, 142.620

Background



This preview shows how black text looks on a background with the CIELCh color 62, 30.054, 142.620.



This preview shows how white text looks on a background with the CIELCh color 62, 30.054, 142.620.

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, 30.054, 142.620

Protanopia
62, 21.669, 95.309

Deuteranopia
62, 18.551, 63.677



Tritanopia
62, 11.785, 233.734

Trichromacy



Original Color
62, 30.054, 142.620

Protanomaly
62, 22.498, 117.280

Deuteranomaly
61, 16.813, 102.603

Tritanomaly
62, 13.123, 178.155

Monochromacy



Original Color
62, 30.054, 142.620

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 11.038, 143.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 30.054, 142.620 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(117, 161, 117)` looks like.

```
.text, #text, p{  
    color:rgb(117, 161, 117)  
}
```

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(117, 161, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 161, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 30.054, 142.620 is called "border". The border property can be set on classes, ids or directly on the HTML element.

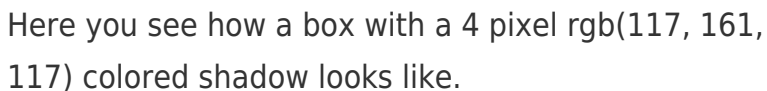
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 161, 117) }
```

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

```
.border{ border-color:rgb(117, 161, 117) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 161, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 161, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 161, 117); box-shadow:4px 4px 4px 4px rgb(117, 161, 117) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 30.054, 142.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 161, 117) }
```

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

```
.background{ background-color: rgb(117,  
161, 117) }
```

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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