

Converting Colors

CIELCh(62, 29.076, 141.008)

Have a look what the booklet for
CIELCh(62, 29.076, 141.008)
contains.

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Color

CIELCh(62, 28.750, 140.946)

Conversions

Conversions Part 1

Format	Color
Hex	78A075
RGB	120, 160, 117
RGB Percent	47%, 63%, 46%
CMY	0.5295, 0.3727, 0.5413
CMYK	0.25, 0.00, 0.27, 0.37
HSL	116°, 18%, 54%
HSV	116°, 27%, 63%
XYZ	23.5138, 30.4025, 21.4476
YIQ	143.1380, -10.0370, -21.8530

Conversions

Conversions Part 2

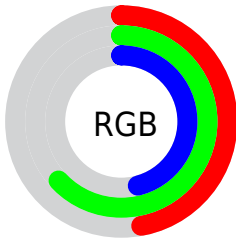
Format	Color
RYB	117, 160, 157
Decimal	7905397
CIELab	62.00, -22.33, 18.11
CIElCh	62, 28.750, 140.946
Yxy	30.4025, 0.3120, 0.4034
Android (android.graphics.Color)	4286095477 (0xFF78A075)
YUV	143.1380, -12.8860, -20.2920
Hunter-Lab	55.1385, -20.3710, 15.5345

Details

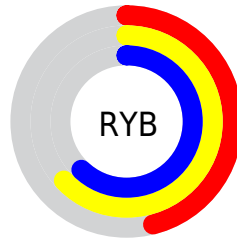
The CIELCh color $62, 28.750, 140.946$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $54, 28.861, 323.870$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 28.945, 140.853$, and $42, 28.814, 140.743$ is the 20% darker color. If you saturate the color by 10%, you get $61, 39.313, 140.171$, and if you desaturate by 10%, it is $63, 18.029, 141.629$.

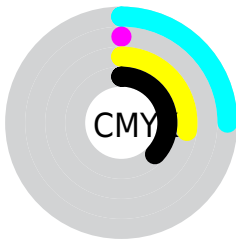
Distribution



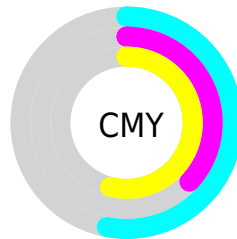
- Red (47%)
- Green (63%)
- Blue (46%)



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



- Cyan (25%)
- Magenta (0%)
- Yellow (27%)
- Black (37%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 28.750, 140.946 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, 28.750, 140.946 by changing the saturation by 10% instead.


 62, 28.750,
140.946


 62, 28.750,
140.946


 100, 28.750,
140.946


 52, 28.750,
140.946


 82, 28.750,
140.946

 42, 28.750,
140.946

 92, 28.750,
140.946

 32, 28.750,
140.946

 22, 28.750,
140.946

 12, 28.750,
140.946

 2, 28.750, 140.946

 0, 28.750, 140.946

62, 28.750,
140.946

62, 28.750,
140.946

61, 39.313,
140.171

63, 18.029,
141.629

60, 49.502,
139.310

65, 7.307, 142.232

59, 59.041,
138.392

66, 3.297, 322.643

58, 67.587,
137.476

68, 13.702,
323.117

58, 74.725,
136.664

70, 23.853,
323.487

58, 80.031,
136.083

72, 33.718,
323.798


57, 83.304,
135.797

74, 43.281,
324.061

57, 84.121,

76, 52.537,
324.285

135.671

 78, 58.995,
326.119

Harmonies

Complementary

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



62, 28.750, 140.946



54, 28.861, 323.870

Rectangle

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



62, 28.750, 140.946



62, 28.750, 190.946



62, 28.750, 320.946



62, 28.750, 10.946

Sweetspot

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



62, 28.751, 140.946



82, 10.577, 142.157



64, 21.792, 103.849



43, 7.509, 142.074



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, 28.751, 140.946



78, 42.514, 140.513



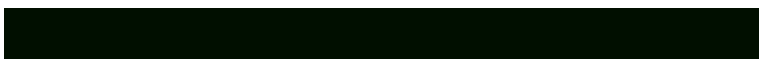
62, 21.662, 157.162



33, 5.958, 142.094



51, 77.361, 135.622



3, 7.777, 142.658

Inverse Universe

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



54, 28.861, 323.870



67, 42.683, 324.143



54, 22.120, 341.588



31, 5.974, 322.991



32, 75.344, 325.563



1, 7.732, 322.128

Previews

White Background



This preview shows how the CIELCh color 62, 28.750, 140.946 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, 28.750, 140.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

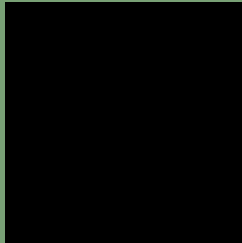
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 28.750, 140.946

Background



This preview shows how black text looks on a background with the CIELCh color 62, 28.750, 140.946.



This preview shows how white text looks on a background with the CIELCh color 62, 28.750, 140.946.

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, 28.750, 140.946

Protanopia

62, 21.130, 95.073

Deuteranopia

62, 18.551, 63.677



Tritanopia
62, 11.246, 235.717

Trichromacy



Original Color
62, 28.750, 140.946

Protanomaly
62, 21.887, 116.502

Deuteranomaly
61, 16.858, 101.189

Tritanomaly
62, 12.467, 177.128

Monochromacy



Original Color
62, 28.750, 140.946

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 10.122, 142.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 28.750, 140.946 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, 160, 117)` looks like.

```
.text, #text, p{  
    color:rgb(120, 160, 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(120, 160, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 160, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 28.750, 140.946 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, 160, 117) }
```

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

```
.border{ border-color:rgb(120, 160, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 160, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 160, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 160, 117);  
box-shadow:4px 4px 4px 4px rgb(120, 160,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 28.750, 140.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 160, 117) }
```

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

```
.background{ background-color: rgb(120,  
160, 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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