

Converting Colors

CIELCh(64, 28.108, 145.173)

Have a look what the booklet for
CIELCh(64, 28.108, 145.173)
contains.

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Color

CIELCh(64, 28.077, 145.185)

Conversions

Conversions Part 1

Format	Color
Hex	7AA67E
RGB	122, 166, 126
RGB Percent	48%, 65%, 49%
CMY	0.5225, 0.3500, 0.5068
CMYK	0.27, 0.00, 0.24, 0.35
HSL	125°, 20%, 56%
HSV	125°, 27%, 65%
XYZ	25.3332, 32.8017, 24.6543
YIQ	148.2840, -13.3840, -21.7680

Conversions

Conversions Part 2

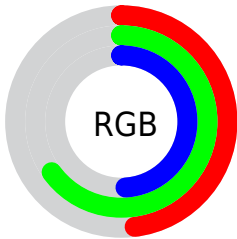
Format	Color
RYB	122, 162, 166
Decimal	8038014
CIELab	64.00, -23.05, 16.03
CIElCh	64, 28.077, 145.185
Yxy	32.8017, 0.3060, 0.3962
Android (android.graphics.Color)	4286228094 (0xFF7AA67E)
YUV	148.2840, -10.9860, -23.0511
Hunter-Lab	57.2727, -21.2720, 14.5682

Details

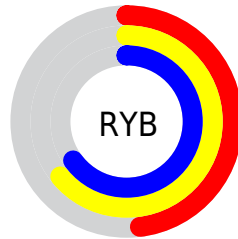
The CIELCh color $64, 28.077, 145.185$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $57, 28.112, 328.502$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 27.899, 145.497$, and $44, 28.047, 145.198$ is the 20% darker color. If you saturate the color by 10%, you get $63, 38.524, 144.280$, and if you desaturate by 10%, it is $65, 17.472, 145.967$.

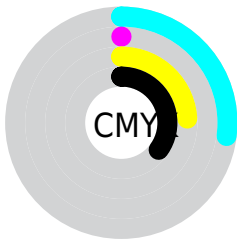
Distribution



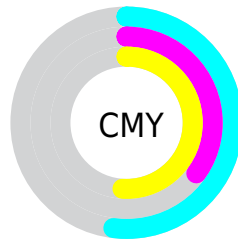
- Red (48%)
- Green (65%)
- Blue (49%)



- Red (48%)
- Yellow (64%)
- Blue (65%)



- Cyan (27%)
- Magenta (0%)
- Yellow (24%)
- Black (35%)



- Cyan (52%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 28.077, 145.185 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 64, 28.077, 145.185 by changing the saturation by 10% instead.

 64, 28.077,
145.185


 64, 28.077,
145.185

 100, 28.077,
145.185


 54, 28.077,
145.185


 84, 28.077,
145.185

 44, 28.077,
145.185

 94, 28.077,
145.185

 34, 28.077,
145.185

 24, 28.077,
145.185

 14, 28.077,
145.185

 4, 28.077, 145.185

 0, 28.077, 145.185

■ 64, 28.077,
145.185

■ 64, 28.077,
145.185

■ 63, 38.524,
144.280

■ 65, 17.472,
145.967

■ 62, 48.603,
143.243

■ 67, 6.868, 146.654

■ 61, 58.068,
142.075

■ 69, 3.612, 327.120

■ 60, 66.636,
140.802

■ 70, 13.883,
327.657

■ 60, 73.996,
139.481

■ 72, 23.886,
328.083

■ 59, 79.834,
138.212

■ 75, 33.588,
328.446


■ 59, 83.905,
137.136

■ 77, 42.972,
328.761

■ 59, 84.943,

■ 79, 52.035,
329.034

136.889

 79, 55.681,
326.342

Harmonies

Complementary

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



64, 28.077, 145.185



57, 28.112, 328.502

Rectangle

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



64, 28.077, 145.185



64, 28.077, 195.185



64, 28.077, 325.185



64, 28.077, 15.185

Sweetspot

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



64, 28.078, 145.185



85, 10.463, 146.547



67, 24.050, 111.264



45, 7.503, 146.449



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 28.078, 145.185



81, 42.052, 144.653



65, 19.362, 165.926



35, 6.029, 146.471



53, 77.932, 136.991



5, 11.060, 146.627

Inverse Universe

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



57, 28.112, 328.502



70, 42.071, 328.851



56, 20.311, 350.978



33, 6.041, 327.500



34, 71.777, 332.145



2, 10.710, 328.027

Previews

White Background



This preview shows how the CIELCh color 64, 28.077, 145.185 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 64, 28.077, 145.185 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 64, 28.077, 145.185

Background



This preview shows how black text looks on a background with the CIELCh color 64, 28.077, 145.185.

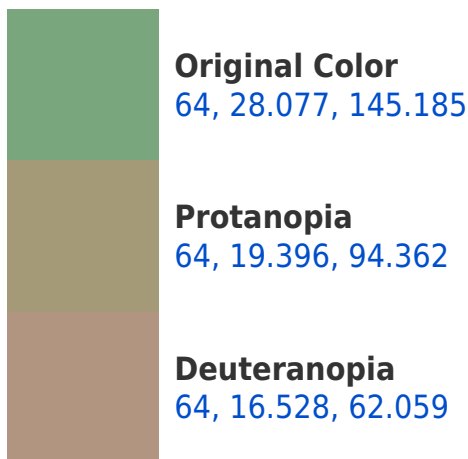


This preview shows how white text looks on a background with the CIELCh color 64, 28.077, 145.185.

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
64, 12.278, 231.849

Trichromacy



Original Color
64, 28.077, 145.185

Protanomaly
64, 20.227, 118.510

Deuteranomaly
64, 15.012, 103.845

Tritanomaly
64, 13.485, 181.345

Monochromacy



Original Color
64, 28.077, 145.185

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 10.058, 147.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 28.077, 145.185 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(122, 166, 126)` looks like.

```
.text, #text, p{  
    color:rgb(122, 166, 126)  
}
```

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(122, 166, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 166, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 28.077, 145.185 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(122, 166, 126) }
```

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

```
.border{ border-color:rgb(122, 166, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 166, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 166, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 166, 126); box-shadow:4px 4px 4px 4px rgb(122, 166, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 28.077, 145.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 166, 126) }
```

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

```
.background{ background-color: rgb(122,  
166, 126) }
```

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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