

Converting Colors

CIELCh(64, 27.029, 142.875)

Have a look what the booklet for
CIELCh(64, 27.029, 142.875)
contains.

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Color

CIELCh(64, 27.205, 142.865)

Conversions

Conversions Part 1

Format	Color
Hex	7DA57D
RGB	125, 165, 125
RGB Percent	49%, 65%, 49%
CMY	0.5094, 0.3525, 0.5094
CMYK	0.24, 0.00, 0.24, 0.35
HSL	120°, 18%, 57%
HSV	120°, 24%, 65%
XYZ	25.6565, 32.8017, 24.4163
YIQ	148.4800, -11.0000, -20.9200

Conversions

Conversions Part 2

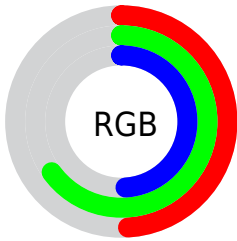
Format	Color
RYB	125, 165, 165
Decimal	8234365
CIELab	64.00, -21.69, 16.42
CIELCh	64, 27.205, 142.865
Yxy	32.8017, 0.3096, 0.3958
Android (android.graphics.Color)	4286424445 (0xFF7DA57D)
YUV	148.4800, -11.5756, -20.5920
Hunter-Lab	57.2727, -20.2645, 14.8147

Details

The CIELCh color $64, 27.205, 142.865$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $57, 27.218, 325.733$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 27.059, 143.229$, and $44, 27.145, 142.868$ is the 20% darker color. If you saturate the color by 10%, you get $63, 38.330, 142.017$, and if you desaturate by 10%, it is $65, 15.939, 143.600$.

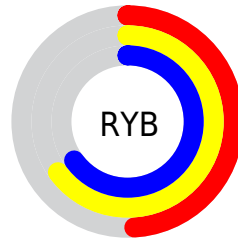
Distribution



Red (49%)

Green (65%)

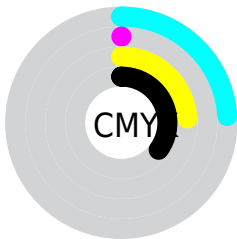
Blue (49%)



Red (49%)

Yellow (65%)

Blue (65%)

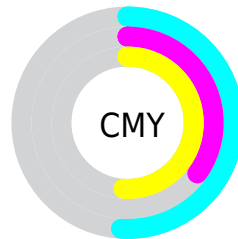


Cyan (24%)

Magenta (0%)

Yellow (24%)

Black (35%)



Cyan (51%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 27.205, 142.865 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, 27.205, 142.865 by changing the saturation by 10% instead.

 64, 27.205,
142.865


 64, 27.205,
142.865


 100, 27.205,
142.865


 54, 27.205,
142.865

 84, 27.205,
142.865

 44, 27.205,
142.865

 94, 27.205,
142.865

 34, 27.205,
142.865

 24, 27.205,
142.865

 14, 27.205,
142.865

 4, 27.205, 142.865

 0, 27.205, 142.865

■ 64, 27.205,
142.865

■ 64, 27.205,
142.865

■ 63, 38.330,
142.017

■ 65, 15.939,
143.600

■ 62, 49.080,
141.051

■ 67, 4.704, 144.255

■ 61, 59.162,
139.986

■ 69, 6.373, 324.699

■ 60, 68.216,
138.867

■ 71, 17.205,
325.167

■ 60, 75.825,
137.787

■ 73, 27.737,
325.550

■ 59, 81.551,
136.878

■ 75, 37.939,
325.874

■ 59, 85.074,
136.274

■ 77, 47.797,
326.149

■ 59, 86.516,

■ 79, 56.066,
326.355

Harmonies

Complementary

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



64, 27.205, 142.865



57, 27.218, 325.733

Rectangle

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



64, 27.205, 142.865



64, 27.205, 192.865



64, 27.205, 322.865



64, 27.205, 12.865

Sweetspot

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



64, 27.206, 142.865



84, 9.647, 144.066



67, 21.518, 107.175



44, 6.260, 144.031



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 27.206, 142.865



80, 40.215, 142.430



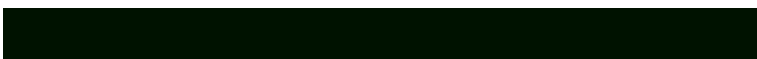
64, 19.050, 160.661



34, 6.258, 143.929



52, 78.792, 136.016



4, 9.703, 144.443

Inverse Universe

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



57, 27.218, 325.733



71, 40.213, 326.011



57, 19.577, 344.853



32, 6.267, 324.917



34, 76.022, 328.232



2, 9.704, 324.438

Previews

White Background



This preview shows how the CIELCh color 64, 27.205, 142.865 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 64, 27.205, 142.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

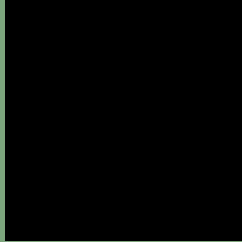
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 27.205, 142.865

Background



This preview shows how black text looks on a background with the CIELCh color 64, 27.205, 142.865.



This preview shows how white text looks on a background with the CIELCh color 64, 27.205, 142.865.

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](#).

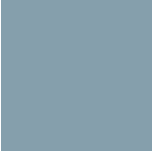
Dichromacy



Original Color
64, 27.205, 142.865

Protanopia
64, 19.396, 94.362

Deuteranopia
64, 16.849, 61.105



Tritanopia
64, 11.505, 238.045

Trichromacy



Original Color
64, 27.205, 142.865

Protanomaly
64, 20.151, 117.380

Deuteranomaly
64, 15.050, 102.286

Tritanomaly
64, 11.969, 182.075

Monochromacy



Original Color
64, 27.205, 142.865

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 10.267, 143.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 27.205, 142.865 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(125, 165, 125)` looks like.

```
.text, #text, p{  
    color:rgb(125, 165, 125)  
}
```

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(125, 165, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 165, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 27.205, 142.865 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(125, 165, 125) }
```

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

```
.border{ border-color:rgb(125, 165, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 165, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 165, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 165, 125);  
box-shadow:4px 4px 4px 4px rgb(125, 165,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 27.205, 142.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 165, 125) }
```

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

```
.background{ background-color: rgb(125,  
165, 125) }
```

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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