

Converting Colors

CIELCh(64, 38.928, 142.841)

Have a look what the booklet for
CIELCh(64, 38.928, 142.841)
contains.

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Color

CIELCh(64, 38.928, 142.841)

Conversions

Conversions Part 1

Format	Color
Hex	6EA970
RGB	110, 169, 112
RGB Percent	43%, 66%, 44%
CMY	0.5691, 0.3378, 0.5613
CMYK	0.35, 0.00, 0.34, 0.34
HSL	122°, 26%, 55%
HSV	122°, 35%, 66%
XYZ	23.4964, 32.8017, 20.3867
YIQ	144.8610, -16.8670, -30.2350

Conversions

Conversions Part 2

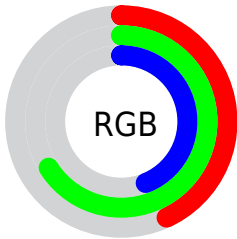
Format	Color
RYB	110, 167, 169
Decimal	7252336
CIELab	64.00, -31.02, 23.51
CIElCh	64, 38.928, 142.841
Yxy	32.8017, 0.3064, 0.4277
Android (android.graphics.Color)	4285442416 (0xFF6EA970)
YUV	144.8610, -16.2005, -30.5731
Hunter-Lab	57.2727, -26.9969, 18.9862

Details

The CIELCh color **64, 38.928, 142.841** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **54, 38.901, 327.255**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 39.145, 142.586**, and **44, 38.812, 142.550** is the 20% darker color. If you saturate the color by 10%, you get **63, 49.616, 141.849**, and if you desaturate by 10%, it is **65, 27.867, 143.709**.

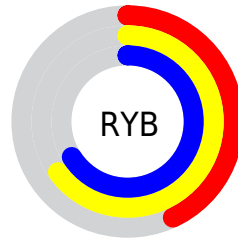
Distribution



Red (43%)

Green (66%)

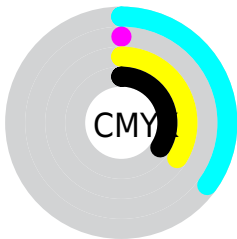
Blue (44%)



Red (43%)

Yellow (65%)

Blue (66%)

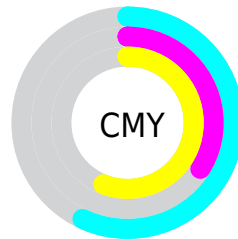


Cyan (35%)

Magenta (0%)

Yellow (34%)

Black (34%)



Cyan (57%)


Magenta (34%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 38.928, 142.841 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, 38.928, 142.841 by changing the saturation by 10% instead.

 64, 38.928,
142.841


 64, 38.928,
142.841


 100, 38.928,
142.841


 54, 38.928,
142.841


 84, 38.928,
142.841

 44, 38.928,
142.841

 94, 38.928,
142.841

 34, 38.928,
142.841

 24, 38.928,
142.841

 14, 38.928,
142.841

 4, 38.928, 142.841

 0, 38.928, 142.841

■ 64, 38.928,
142.841

■ 64, 38.928,
142.841

■ 63, 49.616,
141.849

■ 65, 27.867,
143.709

■ 62, 59.648,
140.745

■ 67, 16.655,
144.460

■ 61, 68.688,
139.566

■ 68, 5.467, 145.125

■ 61, 76.355,
138.391

■ 70, 5.572, 325.581

■ 60, 82.248,
137.339

■ 72, 16.373,
326.068

■ 60, 86.057,
136.547

■ 74, 26.879,
326.465

■ 60, 87.310,
136.323

■ 76, 37.060,
326.802

■ 79, 46.900,
327.089

■ 80, 53.789,
326.279

Harmonies

Complementary

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



64, 38.928, 142.841



54, 38.901, 327.255

Rectangle

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



64, 38.928, 142.841



64, 38.928, 192.841



64, 38.928, 322.841



64, 38.928, 12.841

Sweetspot

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



64, 38.929, 142.841



85, 13.756, 144.782



68, 31.884, 108.353



45, 9.379, 144.693



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, 38.929, 142.841



80, 57.508, 142.076



65, 26.669, 162.146



35, 6.272, 144.841



53, 79.103, 136.376



5, 11.441, 145.231

Inverse Universe

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



54, 38.901, 327.255



66, 57.351, 327.657



53, 28.025, 348.915



33, 6.283, 325.845



35, 75.005, 329.605



2, 11.299, 325.739

Previews

White Background



This preview shows how the CIELCh color 64, 38.928, 142.841 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, 38.928, 142.841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

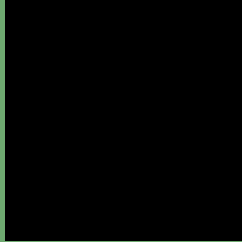
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 38.928, 142.841

Background



This preview shows how black text looks on a background with the CIELCh color 64, 38.928, 142.841.

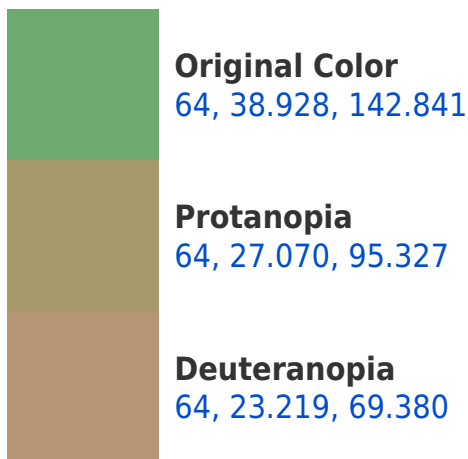


This preview shows how white text looks on a background with the CIELCh color 64, 38.928, 142.841.

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, 14.971, 227.573

Trichromacy



Original Color
64, 38.928, 142.841

Protanomaly
63, 28.506, 118.136

Deuteranomaly
63, 22.616, 107.693

Tritanomaly
64, 18.381, 174.502

Monochromacy



Original Color
64, 38.928, 142.841

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 14.654, 144.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 38.928, 142.841 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(110, 169, 112)` looks like.

```
.text, #text, p{  
    color:rgb(110, 169, 112)  
}
```

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(110, 169, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 169, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 38.928, 142.841 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(110, 169, 112) }
```

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

```
.border{ border-color:rgb(110, 169, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 169, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 169, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 169, 112);  
box-shadow:4px 4px 4px 4px rgb(110, 169,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 38.928, 142.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 169, 112) }
```

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

```
.background{ background-color: rgb(110,  
169, 112) }
```

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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