

Converting Colors

CIELCh(64, 38.102, 143.851)

Have a look what the booklet for
CIELCh(64, 38.102, 143.851)
contains.

CIELCh(64, 38.035, 143.772)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(64, 38.035, 143.772)

Conversions

Conversions Part 1

Format	Color
Hex	6EA972
RGB	110, 169, 114
RGB Percent	43%, 66%, 45%
CMY	0.5695, 0.3381, 0.5538
CMYK	0.35, 0.00, 0.33, 0.34
HSL	124°, 25%, 55%
HSV	124°, 35%, 66%
XYZ	23.5734, 32.8017, 20.9449
YIQ	145.0890, -17.5090, -29.6130

Conversions

Conversions Part 2

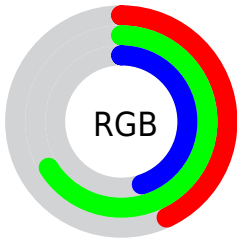
Format	Color
RYB	110, 165, 169
Decimal	7252338
CIELab	64.00, -30.68, 22.48
CIELCh	64, 38.035, 143.772
Yxy	32.8017, 0.3049, 0.4242
Android (android.graphics.Color)	4285442418 (0xFF6EA972)
YUV	145.0890, -15.3269, -30.7731
Hunter-Lab	57.2727, -26.7569, 18.4083

Details

The CIELCh color **64, 38.035, 143.772** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **54, 38.022, 328.269**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 38.285, 143.454**, and **44, 37.890, 143.538** is the 20% darker color. If you saturate the color by 10%, you get **63, 48.492, 142.764**, and if you desaturate by 10%, it is **65, 27.229, 144.651**.

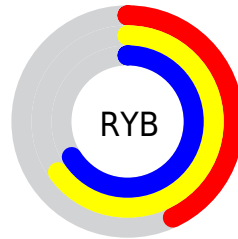
Distribution



Red (43%)

Green (66%)

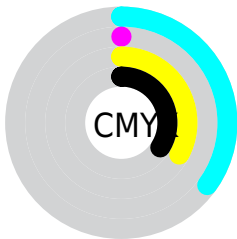
Blue (45%)



Red (43%)

Yellow (65%)

Blue (66%)

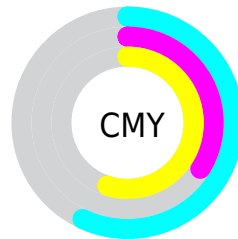


Cyan (35%)

Magenta (0%)

Yellow (33%)

Black (34%)



Cyan (57%)

Magenta (34%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 38.035, 143.772 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, 38.035, 143.772 by changing the saturation by 10% instead.

 64, 38.035,
143.772

 64, 38.035,
143.772

 100, 38.035,
143.772

 54, 38.035,
143.772


 84, 38.035,
143.772

 44, 38.035,
143.772

 94, 38.035,
143.772

 34, 38.035,
143.772

 24, 38.035,
143.772

 14, 38.035,
143.772

 4, 38.035, 143.772

 0, 38.035, 143.772

■ 64, 38.035,
143.772

■ 64, 38.035,
143.772

■ 63, 48.492,
142.764

■ 65, 27.229,
144.651

■ 62, 58.338,
141.632

■ 67, 16.281,
145.410

■ 61, 67.271,
140.401

■ 68, 5.358, 146.084

■ 61, 74.950,
139.136

■ 70, 5.421, 326.544

■ 60, 81.025,
137.939

■ 72, 15.969,
327.042

■ 60, 85.199,
136.943

■ 74, 26.233,
327.449

■ 60, 86.626,
136.629

■ 76, 36.180,
327.797

■ 78, 45.797,
328.095

■ 80, 53.849,
326.281

Harmonies

Complementary

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



64, 38.035, 143.772



54, 38.022, 328.269

Rectangle

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



64, 38.035, 143.772



64, 38.035, 193.772



64, 38.035, 323.772



64, 38.035, 13.772

Sweetspot

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



64, 38.036, 143.772



85, 13.437, 145.737



68, 31.922, 109.834



45, 9.161, 145.647



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, 38.036, 143.772



80, 56.203, 142.997



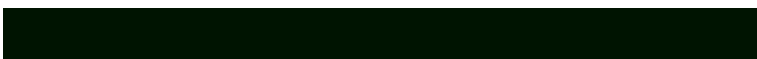
65, 25.970, 164.013



35, 6.127, 145.797



53, 78.426, 136.730



5, 11.213, 146.052

Inverse Universe

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



54, 38.022, 328.269



66, 56.060, 328.693



53, 27.529, 350.967



33, 6.138, 326.815



34, 73.064, 331.081



2, 10.942, 327.087

Previews

White Background



This preview shows how the CIELCh color 64, 38.035, 143.772 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, 38.035, 143.772 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, 38.035, 143.772

Background



This preview shows how black text looks on a background with the CIELCh color 64, 38.035, 143.772.



This preview shows how white text looks on a background with the CIELCh color 64, 38.035, 143.772.

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, 38.035, 143.772

Protanopia
64, 26.008, 94.996

Deuteranopia
64, 22.034, 68.651



Tritanopia
64, 15.243, 226.986

Trichromacy



Original Color
64, 38.035, 143.772

Protanomaly
63, 27.454, 118.639

Deuteranomaly
63, 22.078, 108.836

Tritanomaly
64, 18.423, 176.420

Monochromacy



Original Color
64, 38.035, 143.772

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 14.198, 146.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 38.035, 143.772 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(110, 169, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 169, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 38.035, 143.772 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, 114) }
```

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

```
.border{ border-color:rgb(110, 169, 114) }
```

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, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 169, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 169, 114);  
box-shadow:4px 4px 4px 4px rgb(110, 169,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 38.035, 143.772 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, 114) }
```

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

```
.background{ background-color: rgb(110,  
169, 114) }
```

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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