

Converting Colors

CIELCh(65, 35.445, 141.057)

Have a look what the booklet for
CIELCh(65, 35.445, 141.057)
contains.

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Color

CIELCh(65, 35.160, 140.937)

Conversions

Conversions Part 1

Format	Color
Hex	78AA75
RGB	120, 170, 117
RGB Percent	47%, 67%, 46%
CMY	0.5292, 0.3331, 0.5410
CMYK	0.29, 0.00, 0.31, 0.33
HSL	117°, 24%, 56%
HSV	117°, 31%, 67%
XYZ	25.3478, 34.0472, 22.0782
YIQ	149.0080, -12.7870, -27.0830

Conversions

Conversions Part 2

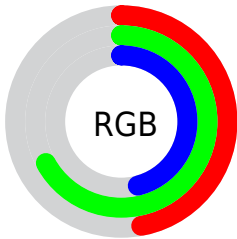
Format	Color
RYB	117, 170, 167
Decimal	7907957
CIELab	65.00, -27.30, 22.16
CIELCh	65, 35.160, 140.937
Yxy	34.0472, 0.3111, 0.4179
Android (android.graphics.Color)	4286098037 (0xFF78AA75)
YUV	149.0080, -15.7799, -25.4400
Hunter-Lab	58.3500, -24.5704, 18.4111

Details

The CIELCh color **65, 35.160, 140.937** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **56, 35.270, 324.467**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 35.533, 140.562**, and **45, 34.985, 140.973** is the 20% darker color. If you saturate the color by 10%, you get **64, 46.157, 140.098**, and if you desaturate by 10%, it is **66, 23.896, 141.680**.

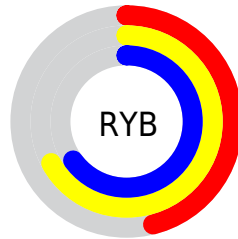
Distribution



Red (47%)

Green (67%)

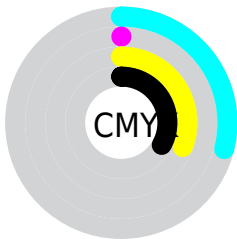
Blue (46%)



Red (46%)

Yellow (67%)

Blue (65%)

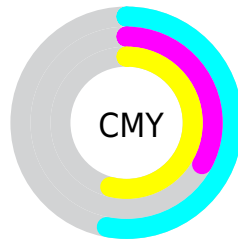


Cyan (29%)

Magenta (0%)

Yellow (31%)

Black (33%)



Cyan (53%)


Magenta (33%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 35.160, 140.937 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 65, 35.160, 140.937 by changing the saturation by 10% instead.


 65, 35.160,
140.937


 65, 35.160,
140.937


 100, 35.160,
140.937


 55, 35.160,
140.937


 85, 35.160,
140.937

 45, 35.160,
140.937

 95, 35.160,
140.937

 35, 35.160,
140.937

 25, 35.160,
140.937

 15, 35.160,
140.937

 5, 35.160, 140.937

 0, 35.160, 140.937

■ 65, 35.160,
140.937

■ 65, 35.160,
140.937

■ 64, 46.157,
140.098

■ 66, 23.896,
141.680

■ 63, 56.624,
139.175

■ 68, 12.560,
142.329

■ 62, 66.232,
138.211

■ 69, 1.300, 143.027

■ 62, 74.578,
137.284

■ 71, 9.780, 323.306

■ 61, 81.205,
136.514

■ 73, 20.607,
323.714

■ 61, 85.704,
136.031

■ 75, 31.139,
324.054

■ 61, 88.102,
135.757

■ 77, 41.352,
324.342

■ 80, 51.236,
324.586

■ 80, 53.075,
326.255

Harmonies

Complementary

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



65, 35.160, 140.937



56, 35.270, 324.467

Rectangle

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



65, 35.160, 140.937



65, 35.160, 190.937



65, 35.160, 320.937



65, 35.160, 10.937

Sweetspot

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



65, 35.161, 140.937



87, 12.548, 142.450



67, 26.942, 104.206



46, 8.797, 142.364



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 35.161, 140.937



82, 51.648, 140.402



65, 25.999, 157.485



35, 6.302, 142.443



53, 79.462, 135.709



5, 11.490, 143.136

Inverse Universe

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



56, 35.270, 324.467



69, 51.792, 324.773



55, 26.691, 342.869



33, 6.318, 323.365



33, 77.225, 326.054



2, 11.384, 322.309

Previews

White Background



This preview shows how the CIELCh color 65, 35.160, 140.937 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 65, 35.160, 140.937 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 65, 35.160, 140.937

Background



This preview shows how black text looks on a background with the CIELCh color 65, 35.160, 140.937.



This preview shows how white text looks on a background with the CIELCh color 65, 35.160, 140.937.

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
65, 35.160, 140.937

Protanopia
65, 25.827, 95.996

Deuteranopia
65, 21.937, 68.714



Tritanopia
65, 13.056, 232.412

Trichromacy



Original Color
65, 35.160, 140.937

Protanomaly
65, 27.205, 116.986

Deuteranomaly
64, 20.969, 104.489

Tritanomaly
65, 15.655, 175.018

Monochromacy



Original Color
65, 35.160, 140.937

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 13.461, 142.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 35.160, 140.937 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, 170, 117)` looks like.

```
.text, #text, p{  
    color:rgb(120, 170, 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, 170, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 170, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 35.160, 140.937 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, 170, 117) }
```

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

```
.border{ border-color:rgb(120, 170, 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, 170, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 170, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 170, 117); box-shadow:4px 4px 4px 4px rgb(120, 170, 117) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 35.160, 140.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 170, 117) }
```

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

```
.background{ background-color: rgb(120,  
170, 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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