

Converting Colors

CIELCh(65, 42.112, 40.204)

Have a look what the booklet for
CIELCh(65, 42.112, 40.204) contains.

CIELCh(65, 42.041, 40.193)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 42.041, 40.193)

Conversions

Conversions Part 1

Format	Color
Hex	E0866F
RGB	224, 134, 111
RGB Percent	88%, 53%, 44%
CMY	0.1216, 0.4745, 0.5647
CMYK	0.00, 0.40, 0.50, 0.12
HSL	12°, 65%, 66%
HSV	12°, 50%, 88%
XYZ	42.1371, 34.0472, 19.3909
YIQ	158.2880, 61.0230, 11.9270

Conversions

Conversions Part 2

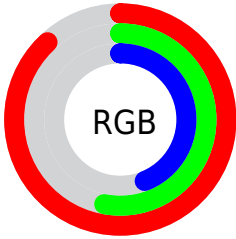
Format	Color
R _Y B	224, 140, 111
Decimal	14714479
CIE Lab	65.00, 32.11, 27.13
CIE LCh	65, 42.041, 40.193
Yxy	34.0472, 0.4409, 0.3562
Android (android.graphics.Color)	4292904559 (0xFFE0866F)
YUV	158.2880, -23.3130, 57.6294
Hunter-Lab	58.3500, 26.7904, 21.1416

Details

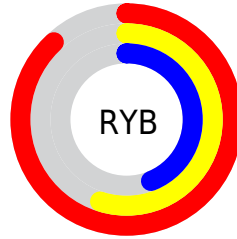
The CIELCh color **65, 42.041, 40.193** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76, 28.666, 223.531**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 30.494, 46.531**, and **45, 41.913, 40.261** is the 20% darker color. If you saturate the color by 10%, you get **61, 52.313, 40.833**, and if you desaturate by 10%, it is **69, 32.368, 39.791**.

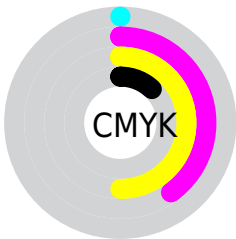
Distribution



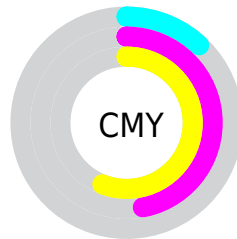
- Red (88%)
- Green (53%)
- Blue (44%)



- Red (88%)
- Yellow (55%)
- Blue (44%)



- Cyan (0%)
- Magenta (40%)
- Yellow (50%)
- Black (12%)



- Cyan (12%)
- Magenta (47%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 42.041, 40.193 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, 42.041, 40.193 by changing the saturation by 10% instead.

 65, 42.041, 40.193

 65, 42.041, 40.193

 100, 42.041,
40.193

 55, 42.041, 40.193

 85, 42.041, 40.193

 45, 42.041, 40.193

 95, 42.041, 40.193

 35, 42.041, 40.193

 25, 42.041, 40.193

 15, 42.041, 40.193

 5, 42.041, 40.193

 0, 42.041, 40.193

 65, 42.041, 40.193

 65, 42.041, 40.193

 61, 52.313, 40.833

 69, 32.368, 39.791

57, 62.995, 41.685

74, 23.369, 39.587

54, 73.641, 42.633

79, 15.050, 39.544

51, 83.246, 43.296

84, 7.376, 39.605

49, 90.217, 43.309

89, 0.300, 37.919

94, 6.239, 220.256

98, 10.498,
198.806

Harmonies

Complementary

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



65, 42.041, 40.193



76, 28.666, 223.531

Rectangle

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



65, 42.041, 40.193



65, 42.041, 90.193



65, 42.041, 220.193



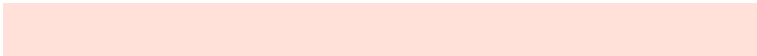
65, 42.041, 270.193

Sweetspot

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



65, 42.039, 40.197



92, 11.996, 39.569



63, 61.683, 333.907



48, 8.257, 39.556



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 42.039, 40.197



68, 58.852, 40.909



78, 44.207, 87.105



44, 3.999, 39.613



39, 74.923, 43.702



8, 22.287, 32.430

Inverse Universe

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



76, 28.666, 223.531



83, 36.161, 225.342



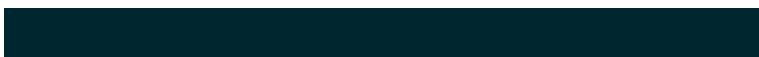
61, 45.028, 282.833



46, 3.771, 220.274



54, 33.311, 236.192



13, 13.544, 228.978

Previews

White Background



This preview shows how the CIELCh color 65, 42.041, 40.193 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, 42.041, 40.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

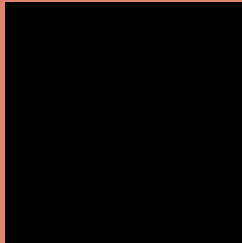
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 42.041, 40.193

Background



This preview shows how black text looks on a background with the CIELCh color 65, 42.041, 40.193.

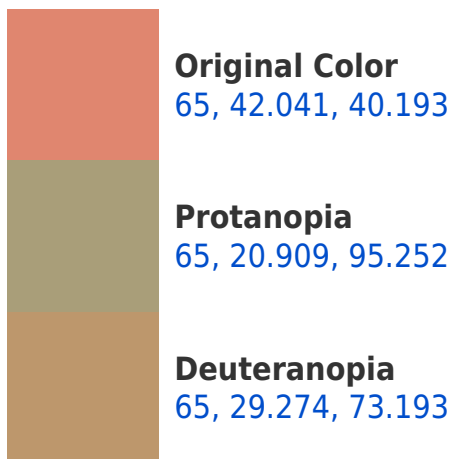


This preview shows how white text looks on a background with the CIELCh color 65, 42.041, 40.193.

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
65, 39.479, 15.977

Trichromacy



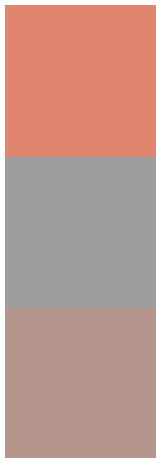
Original Color
65, 42.041, 40.193

Protanomaly
65, 24.983, 64.901

Deuteranomaly
65, 32.531, 58.068

Tritanomaly
65, 39.606, 25.167

Monochromacy



Original Color
65, 42.041, 40.193

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 14.181, 38.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 42.041, 40.193 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(224, 134, 111)` looks like.

```
.text, #text, p{  
    color:rgb(224, 134, 111)  
}
```

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(224, 134, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 134, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 42.041, 40.193 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(224, 134, 111) }
```

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

```
.border{ border-color:rgb(224, 134, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 134, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 134, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 134, 111);  
box-shadow:4px 4px 4px 4px rgb(224, 134,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 42.041, 40.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 134, 111) }
```

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

```
.background{ background-color: rgb(224,  
134, 111) }
```

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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