

Converting Colors

CIELCh(75, 35.314, 59.244)

Have a look what the booklet for
CIELCh(75, 35.314, 59.244) contains.

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Color

CIELCh(75, 35.240, 58.911)

Conversions

Conversions Part 1

Format	Color
Hex	EAAB82
RGB	234, 171, 130
RGB Percent	92%, 67%, 51%
CMY	0.0820, 0.3291, 0.4899
CMYK	0.00, 0.27, 0.44, 0.08
HSL	24°, 71%, 71%
HSV	24°, 44%, 92%
XYZ	52.5741, 48.2781, 27.6941
YIQ	185.1630, 50.7090, 0.6050

Conversions

Conversions Part 2

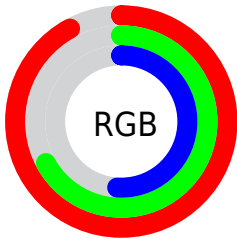
Format	Color
RYB	234, 198, 130
Decimal	15379330
CIELab	75.00, 18.20, 30.18
CIELCh	75, 35.240, 58.911
Yxy	48.2781, 0.4090, 0.3756
Android (android.graphics.Color)	4293569410 (0xFFEAAB82)
YUV	185.1630, -27.1954, 42.8300
Hunter-Lab	69.4824, 13.4683, 25.0061

Details

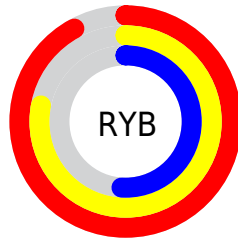
The CIELCh color **75, 35.240, 58.911** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **75, 28.308, 250.380**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 24.976, 81.436**, and **55, 35.297, 59.331** is the 20% darker color. If you saturate the color by 10%, you get **71, 44.579, 58.064**, and if you desaturate by 10%, it is **79, 26.417, 59.813**.

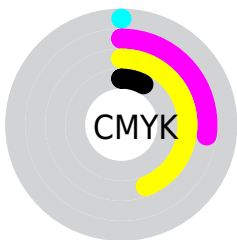
Distribution



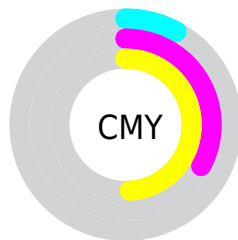
- Red (92%)
- Green (67%)
- Blue (51%)



- Red (92%)
- Yellow (78%)
- Blue (51%)



- Cyan (0%)
- Magenta (27%)
- Yellow (44%)
- Black (8%)



- Cyan (8%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 35.240, 58.911 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 75, 35.240, 58.911 by changing the saturation by 10% instead.

75, 35.240, 58.911

75, 35.240, 58.911

100, 35.240,
58.911

65, 35.240, 58.911

95, 35.240, 58.911

55, 35.240, 58.911

45, 35.240, 58.911

35, 35.240, 58.911

25, 35.240, 58.911

15, 35.240, 58.911

5, 35.240, 58.911

0, 35.240, 58.911

75, 35.240, 58.911

75, 35.240, 58.911

71, 44.579, 58.064

79, 26.417, 59.813

68, 54.327, 57.235

83, 18.133, 60.750

64, 64.197, 56.349

87, 10.368, 61.709

61, 73.545, 55.209

91, 3.082, 62.594

59, 81.181, 53.413

95, 3.773, 243.898

57, 84.575, 52.173

99, 7.156, 199.045

Harmonies

Complementary

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



75, 35.240, 58.911



75, 28.308, 250.380

Rectangle

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



75, 35.240, 58.911



75, 35.240, 108.911



75, 35.240, 238.911



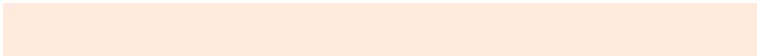
75, 35.240, 288.911

Sweetspot

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



75, 35.239, 58.916



94, 9.966, 61.840



68, 50.499, 341.742



49, 7.024, 61.628



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 35.239, 58.916



78, 46.353, 58.163



88, 47.111, 100.125



47, 4.024, 62.177



45, 69.391, 52.818



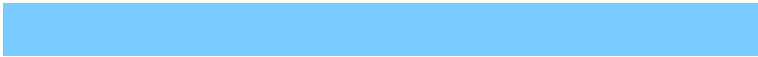
11, 22.591, 49.971

Inverse Universe

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



75, 28.308, 250.380



78, 35.397, 252.722



62, 51.533, 291.729



47, 3.872, 244.322



45, 44.987, 271.467



11, 17.245, 262.551

Previews

White Background



This preview shows how the CIELCh color 75, 35.240, 58.911 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 75, 35.240, 58.911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

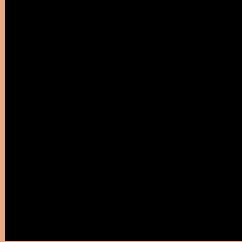
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 35.240, 58.911

Background



This preview shows how black text looks on a background with the CIELCh color 75, 35.240, 58.911.



This preview shows how white text looks on a background with the CIELCh color 75, 35.240, 58.911.

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


75, 35.240, 58.911

Protanopia

75, 26.822, 95.272

Deuteranopia

75, 31.849, 73.001



Tritanopia
75, 28.978, 9.422

Trichromacy



Original Color
75, 35.240, 58.911

Protanomaly
75, 28.223, 79.618

Deuteranomaly
75, 32.968, 67.947

Tritanomaly
75, 28.553, 29.280

Monochromacy



Original Color
75, 35.240, 58.911

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 12.141, 61.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 35.240, 58.911 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(234, 171, 130)` looks like.

```
.text, #text, p{  
    color:rgb(234, 171, 130)  
}
```

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(234, 171, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 171, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 35.240, 58.911 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(234, 171, 130) }
```

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

```
.border{ border-color:rgb(234, 171, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 171, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 171, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 171, 130);  
box-shadow:4px 4px 4px 4px rgb(234, 171,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 35.240, 58.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 171, 130) }
```

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

```
.background{ background-color: rgb(234,  
171, 130) }
```

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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