

Converting Colors

CIELCh(71, 34.405, 45.658)

Have a look what the booklet for
CIELCh(71, 34.405, 45.658) contains.

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Color

CIELCh(71, 34.570, 45.508)

Conversions

Conversions Part 1

Format	Color
Hex	E59C82
RGB	229, 156, 130
RGB Percent	90%, 61%, 51%
CMY	0.1008, 0.3872, 0.4892
CMYK	0.00, 0.32, 0.43, 0.10
HSL	16°, 66%, 70%
HSV	16°, 43%, 90%
XYZ	48.3825, 42.1875, 26.8000
YIQ	174.8630, 51.8540, 7.3900

Conversions

Conversions Part 2

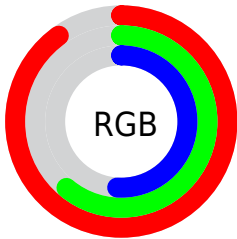
Format	Color
RYB	229, 165, 130
Decimal	15047810
CIELab	71.00, 24.23, 24.66
CIELCh	71, 34.570, 45.508
Yxy	42.1875, 0.4122, 0.3594
Android (android.graphics.Color)	4293237890 (0xFFE59C82)
YUV	174.8630, -22.1175, 47.4781
Hunter-Lab	64.9519, 19.2983, 21.0025

Details

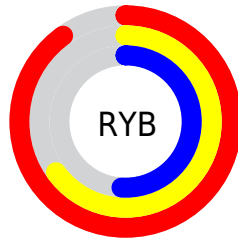
The CIELCh color **71, 34.570, 45.508** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **78, 25.679, 231.213**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 22.743, 59.775**, and **51, 34.753, 45.616** is the 20% darker color. If you saturate the color by 10%, you get **67, 44.288, 45.528**, and if you desaturate by 10%, it is **75, 25.508, 45.652**.

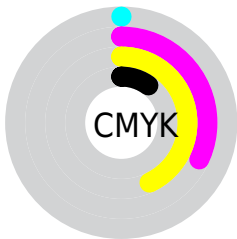
Distribution



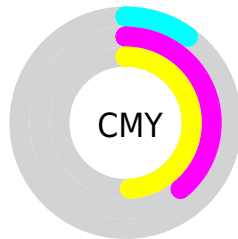
- Red (90%)
- Green (61%)
- Blue (51%)



- Red (90%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (43%)
- Black (10%)



- Cyan (10%)
- Magenta (39%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 34.570, 45.508 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 71, 34.570, 45.508 by changing the saturation by 10% instead.

 71, 34.570, 45.508

 71, 34.570, 45.508

 100, 34.570,
45.508

 61, 34.570, 45.508

 91, 34.570, 45.508

 51, 34.570, 45.508

 41, 34.570, 45.508

 31, 34.570, 45.508

 21, 34.570, 45.508

 11, 34.570, 45.508

 1, 34.570, 45.508

 0, 34.570, 45.508

 71, 34.570, 45.508

 71, 34.570, 45.508

67, 44.288, 45.528

75, 25.508, 45.652

63, 54.582, 45.701

80, 17.113, 45.920

59, 65.218, 45.985

85, 9.351, 46.276

56, 75.633, 46.202

89, 2.174, 46.535

53, 84.614, 45.902

94, 4.477, 227.452

52, 89.406, 45.345

98, 8.758, 198.927

Harmonies

Complementary

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



71, 34.570, 45.508



78, 25.679, 231.213

Rectangle

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



71, 34.570, 45.508



71, 34.570, 95.508



71, 34.570, 225.508



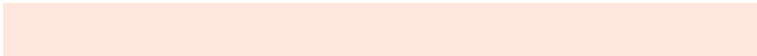
71, 34.570, 275.508

Sweetspot

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



71, 34.569, 45.513



93, 10.040, 46.280



67, 52.754, 335.405



49, 7.088, 46.196



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 34.569, 45.513



74, 47.031, 45.520



83, 40.109, 91.845



46, 3.970, 46.415



40, 73.693, 45.835



9, 22.764, 37.650

Inverse Universe

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



78, 25.679, 231.213



83, 32.359, 232.882



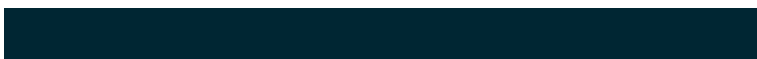
65, 41.601, 284.353



47, 3.759, 227.606



51, 35.505, 248.711



13, 14.303, 240.259

Previews

White Background



This preview shows how the CIELCh color 71, 34.570, 45.508 looks on a white background.

Color Contrast Check

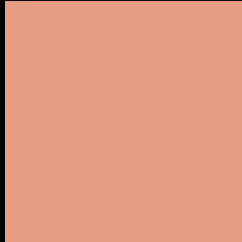
Large Text (above 18pt) WCAG AA × Fail

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 71, 34.570, 45.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

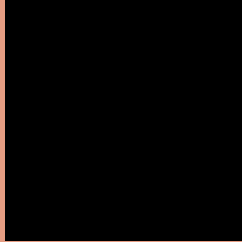
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 34.570, 45.508

Background



This preview shows how black text looks on a background with the CIELCh color 71, 34.570, 45.508.



This preview shows how white text looks on a background with the CIELCh color 71, 34.570, 45.508.

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

71, 34.570, 45.508

Protanopia

71, 20.019, 95.270

Deuteranopia

71, 27.097, 70.708



Tritanopia
71, 32.117, 12.056

Trichromacy



Original Color
71, 34.570, 45.508

Protanomaly
71, 22.759, 71.348

Deuteranomaly
71, 28.821, 59.964

Tritanomaly
71, 31.458, 25.252

Monochromacy



Original Color
71, 34.570, 45.508

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 11.764, 44.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 34.570, 45.508 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(229, 156, 130)` looks like.

```
.text, #text, p{  
    color:rgb(229, 156, 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(229, 156, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 156, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 34.570, 45.508 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(229, 156, 130) }
```

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

```
.border{ border-color:rgb(229, 156, 130) }
```

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

Here you see how a box with a 4 pixel rgb(229, 156, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 156, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 156, 130);  
box-shadow:4px 4px 4px 4px rgb(229, 156,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 34.570, 45.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 156, 130) }
```

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

```
.background{ background-color: rgb(229,  
156, 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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