

Converting Colors

CIELCh(71, 34.150, 45.908)

Have a look what the booklet for
CIELCh(71, 34.150, 45.908) contains.

CIELCh(71, 34.423, 46.505)	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(71, 34.423, 46.505)

Conversions

Conversions Part 1

Format	Color
Hex	E59D82
RGB	229, 157, 130
RGB Percent	90%, 62%, 51%
CMY	0.1035, 0.3857, 0.4915
CMYK	0.00, 0.31, 0.43, 0.10
HSL	16°, 65%, 70%
HSV	16°, 43%, 90%
XYZ	48.1886, 42.1875, 26.6009
YIQ	175.4500, 51.5790, 6.8670

Conversions

Conversions Part 2

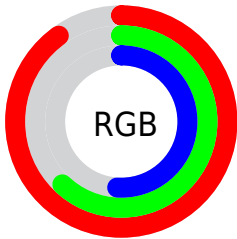
Format	Color
R _Y B	229, 167, 130
Decimal	15048066
CIE Lab	71.00, 23.69, 24.97
CIE LCh	71, 34.423, 46.505
Yxy	42.1875, 0.4119, 0.3606
Android (android.graphics.Color)	4293238146 (0xFFE59D82)
YUV	175.4500, -22.4068, 46.9634
Hunter-Lab	64.9519, 18.7655, 21.1843

Details

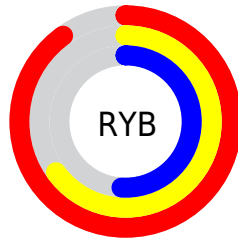
The CIELCh color **71, 34.423, 46.505** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **78, 25.676, 232.715**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 22.780, 61.327**, and **51, 34.585, 46.630** is the 20% darker color. If you saturate the color by 10%, you get **67, 44.070, 46.450**, and if you desaturate by 10%, it is **75, 25.424, 46.714**.

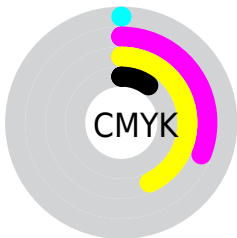
Distribution



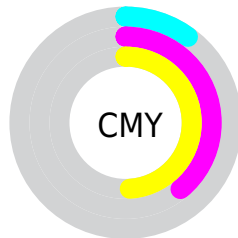
- Red (90%)
- Green (62%)
- Blue (51%)



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



- Cyan (0%)
- Magenta (31%)
- Yellow (43%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 34.423, 46.505 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, 34.423, 46.505 by changing the saturation by 10% instead.

71, 34.423, 46.505

71, 34.423, 46.505

100, 34.423,
46.505

61, 34.423, 46.505

91, 34.423, 46.505

51, 34.423, 46.505

41, 34.423, 46.505

31, 34.423, 46.505

21, 34.423, 46.505

11, 34.423, 46.505

1, 34.423, 46.505

0, 34.423, 46.505

71, 34.423, 46.505

71, 34.423, 46.505

67, 44.070, 46.450

75, 25.424, 46.714

63, 54.286, 46.538

80, 17.082, 47.039

59, 64.836, 46.721

85, 9.366, 47.447

56, 75.158, 46.822

89, 2.225, 47.762

53, 84.045, 46.393

94, 4.399, 228.715

52, 88.747, 45.765

98, 8.985, 198.911

Harmonies

Complementary

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



71, 34.423, 46.505



78, 25.676, 232.715

Rectangle

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



71, 34.423, 46.505



71, 34.423, 96.505



71, 34.423, 226.505



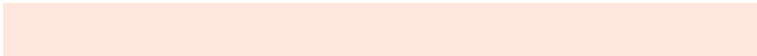
71, 34.423, 276.505

Sweetspot

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



71, 34.422, 46.510



93, 10.008, 47.456



67, 52.145, 336.120



49, 7.064, 47.361



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, 34.422, 46.510



74, 46.820, 46.450



83, 40.665, 93.008



46, 3.958, 47.609



41, 73.316, 46.264



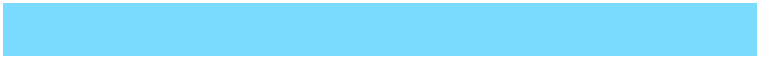
9, 22.629, 38.436

Inverse Universe

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



78, 25.676, 232.715



83, 32.414, 234.443



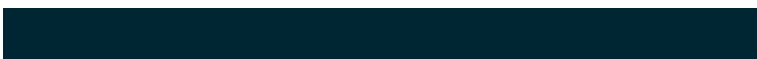
64, 42.497, 285.384



46, 3.751, 228.887



51, 35.969, 250.736



13, 14.404, 242.082

Previews

White Background



This preview shows how the CIELCh color 71, 34.423, 46.505 looks on a white background.

Color Contrast Check

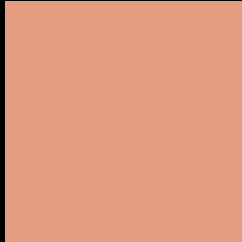
Large Text (above 18pt) WCAG AA × Fail

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 71, 34.423, 46.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

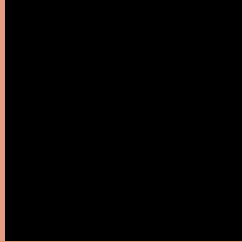
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 34.423, 46.505

Background



This preview shows how black text looks on a background with the CIELCh color 71, 34.423, 46.505.

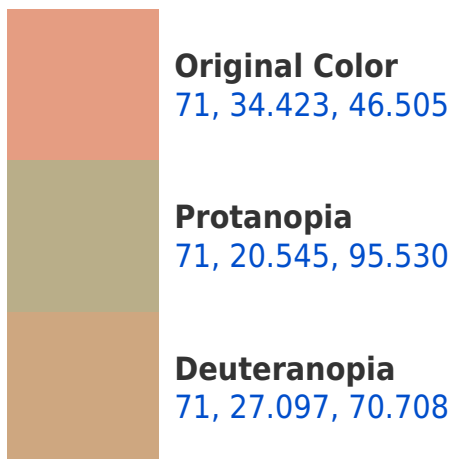


This preview shows how white text looks on a background with the CIELCh color 71, 34.423, 46.505.

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
71, 32.117, 12.056

Trichromacy



Original Color
71, 34.423, 46.505

Protanomaly
71, 23.210, 72.054

Deuteranomaly
71, 28.821, 59.964

Tritanomaly
71, 31.458, 25.252

Monochromacy



Original Color
71, 34.423, 46.505

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 11.397, 45.475

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 34.423, 46.505 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, 157, 130)` looks like.

```
.text, #text, p{  
    color:rgb(229, 157, 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, 157, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 157, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 34.423, 46.505 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, 157, 130) }
```

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

```
.border{ border-color:rgb(229, 157, 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, 157, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 157, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 157, 130);  
box-shadow:4px 4px 4px 4px rgb(229, 157,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 34.423, 46.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 157, 130) }
```

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

```
.background{ background-color: rgb(229,  
157, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor