

Converting Colors

CIELCh(71, 46.256, 64.109)

Have a look what the booklet for
CIELCh(71, 46.256, 64.109) contains.

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Color

CIELCh(71, 46.320, 64.082)

Conversions

Conversions Part 1

Format	Color
Hex	E59E62
RGB	229, 158, 98
RGB Percent	90%, 62%, 38%
CMY	0.1004, 0.3790, 0.6144
CMYK	0.00, 0.31, 0.57, 0.10
HSL	27°, 72%, 64%
HSV	27°, 57%, 90%
XYZ	46.9494, 42.1875, 17.3070
YIQ	172.3890, 61.5760, -3.6080

Conversions

Conversions Part 2

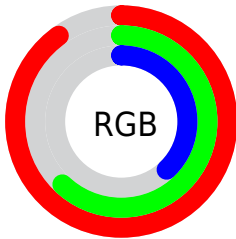
Format	Color
R _Y B	229, 209, 98
Decimal	15048290
CIE Lab	71.00, 20.25, 41.66
CIE LCh	71, 46.320, 64.082
Yxy	42.1875, 0.4411, 0.3963
Android (android.graphics.Color)	4293238370 (0xFFE59E62)
YUV	172.3890, -36.6738, 49.6478
Hunter-Lab	64.9519, 15.3599, 29.6680

Details

The CIELCh color **71, 46.320, 64.082** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **67, 37.297, 262.224**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 37.188, 79.890**, and **51, 46.365, 63.769** is the 20% darker color. If you saturate the color by 10%, you get **68, 55.596, 62.893**, and if you desaturate by 10%, it is **74, 37.251, 65.240**.

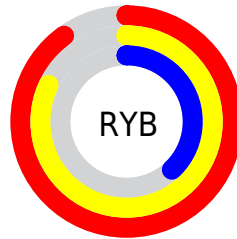
Distribution



Red (90%)

Green (62%)

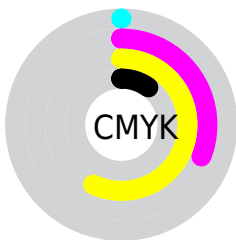
Blue (38%)



Red (90%)

Yellow (82%)

Blue (38%)

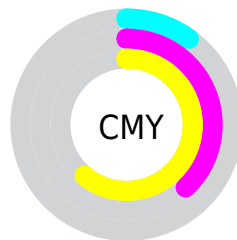


Cyan (0%)

Magenta (31%)

Yellow (57%)

Black (10%)



Cyan (10%)

Magenta (38%)

Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 46.320, 64.082 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, 46.320, 64.082 by changing the saturation by 10% instead.

 71, 46.320, 64.082

 71, 46.320, 64.082

 100, 46.320,
64.082

 61, 46.320, 64.082

 91, 46.320, 64.082

 51, 46.320, 64.082

 41, 46.320, 64.082

 31, 46.320, 64.082

 21, 46.320, 64.082

 11, 46.320, 64.082

 1, 46.320, 64.082

 0, 46.320, 64.082

 71, 46.320, 64.082

 71, 46.320, 64.082

68, 55.596, 62.893

74, 37.251, 65.240

65, 64.698, 61.559

78, 28.557, 66.392

62, 72.859, 59.856

81, 20.296, 67.551

60, 78.938, 57.415

85, 12.468, 68.708

59, 80.481, 56.695

88, 5.051, 69.823

92, 1.990, 251.288

96, 7.263, 241.986

98, 8.720, 198.930

Harmonies

Complementary

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



71, 46.320, 64.082



67, 37.297, 262.224

Rectangle

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



71, 46.320, 64.082



71, 46.320, 114.082



71, 46.320, 244.082



71, 46.320, 294.082

Sweetspot

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



71, 46.319, 64.086



93, 13.478, 68.712



60, 59.885, 347.100



49, 9.065, 68.479



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, 46.319, 64.086



74, 62.502, 62.608



87, 61.934, 102.391



46, 4.049, 69.574



46, 66.422, 57.365



11, 20.982, 56.032

Inverse Universe

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



67, 37.297, 262.224



69, 48.150, 266.568



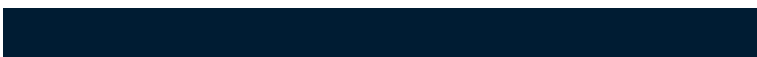
50, 72.282, 297.284



46, 3.935, 251.981



41, 50.631, 279.496



9, 18.412, 270.434

Previews

White Background



This preview shows how the CIELCh color 71, 46.320, 64.082 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, 46.320, 64.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

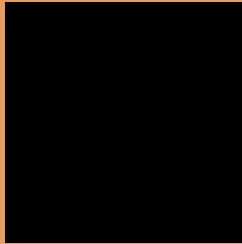
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 46.320, 64.082

Background



This preview shows how black text looks on a background with the CIELCh color 71, 46.320, 64.082.



This preview shows how white text looks on a background with the CIELCh color 71, 46.320, 64.082.

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, 46.320, 64.082

Protanopia

71, 38.185, 95.329

Deuteranopia

71, 43.021, 77.578



Tritanopia
71, 33.340, 12.598

Trichromacy



Original Color
71, 46.320, 64.082

Protanomaly
71, 39.344, 82.286

Deuteranomaly
71, 44.096, 72.358

Tritanomaly
71, 33.867, 35.912

Monochromacy



Original Color
71, 46.320, 64.082

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 16.035, 67.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 46.320, 64.082 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, 158, 98)` looks like.

```
.text, #text, p{  
    color:rgb(229, 158, 98)  
}
```

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, 158, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 158, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 46.320, 64.082 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, 158, 98) }
```

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

```
.border{ border-color:rgb(229, 158, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 158, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 158, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 158, 98);  
box-shadow:4px 4px 4px 4px rgb(229, 158,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 46.320, 64.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 158, 98) }
```

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

```
.background{ background-color: rgb(229,  
158, 98) }
```

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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