

Converting Colors

CIELCh(70, 14.045, 61.094)

Have a look what the booklet for
CIELCh(70, 14.045, 61.094) contains.

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Color

CIELCh(70, 14.045, 61.094)

Conversions

Conversions Part 1

Format	Color
Hex	C0A695
RGB	192, 166, 149
RGB Percent	75%, 65%, 58%
CMY	0.2463, 0.3483, 0.4150
CMYK	0.00, 0.14, 0.22, 0.25
HSL	24°, 26%, 67%
HSV	24°, 22%, 75%
XYZ	40.8983, 40.7494, 34.2217
YIQ	171.8360, 20.9530, 0.2250

Conversions

Conversions Part 2

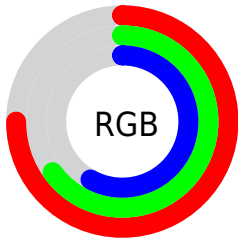
Format	Color
R _Y B	192, 177, 149
Decimal	12625557
CIE Lab	70.00, 6.79, 12.30
CIE LCh	70, 14.045, 61.094
Yxy	40.7494, 0.3530, 0.3517
Android (android.graphics.Color)	4290815637 (0xFFC0A695)
YUV	171.8360, -11.2581, 17.6838
Hunter-Lab	63.8353, 2.6506, 12.8997

Details

The CIELCh color $70, 14.045, 61.094$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $70, 12.725, 246.162$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 14.132, 60.972$, and $50, 14.158, 61.063$ is the 20% darker color. If you saturate the color by 10%, you get $67, 20.994, 60.166$, and if you desaturate by 10%, it is $73, 7.524, 62.055$.

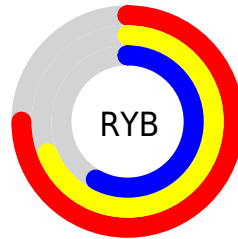
Distribution



Red (75%)

Green (65%)

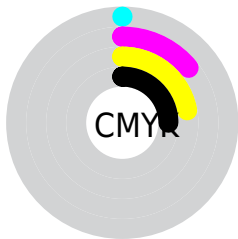
Blue (58%)



Red (75%)

Yellow (69%)

Blue (58%)

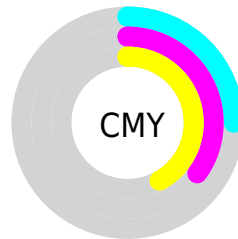


Cyan (0%)

Magenta (14%)

Yellow (22%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 14.045, 61.094 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 70, 14.045, 61.094 by changing the saturation by 10% instead.

 70, 14.045, 61.094

 70, 14.045, 61.094

 100, 14.045,
61.094

 60, 14.045, 61.094

 90, 14.045, 61.094

 50, 14.045, 61.094

 40, 14.045, 61.094

 30, 14.045, 61.094

 20, 14.045, 61.094

 10, 14.045, 61.094

 0, 14.045, 61.094

 70, 14.045, 61.094

 70, 14.045, 61.094

 67, 20.994, 60.166

 73, 7.524, 62.055

63, 28.393, 59.265

77, 1.397, 62.796

60, 36.236, 58.406

80, 4.375, 244.204

57, 44.456, 57.578

84, 9.834, 245.140

54, 52.868, 56.724

88, 15.015,
246.100

52, 61.040, 55.696

91, 17.025,
234.409

49, 68.125, 54.171

47, 72.599, 52.729

94, 18.288,
210.548

96, 20.451,
198.159

Harmonies

Complementary

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



70, 14.045, 61.094



70, 12.725, 246.162

Rectangle

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



70, 14.045, 61.094



70, 14.045, 111.094



70, 14.045, 241.094



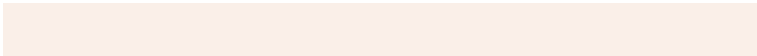
70, 14.045, 291.094

Sweetspot

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



70, 14.045, 61.104



95, 5.179, 62.533



66, 21.836, 339.584



50, 3.371, 62.481



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 14.045, 61.104



87, 21.320, 60.627



75, 20.408, 102.596



39, 3.437, 62.333



40, 63.295, 53.254



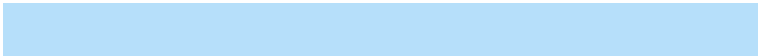
6, 11.553, 47.257

Inverse Universe

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



70, 12.725, 246.162



87, 18.834, 246.974



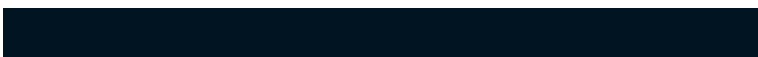
64, 21.198, 287.756



39, 3.311, 244.442



40, 40.983, 271.125



6, 11.466, 258.755

Previews

White Background



This preview shows how the CIELCh color 70, 14.045, 61.094 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 70, 14.045, 61.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

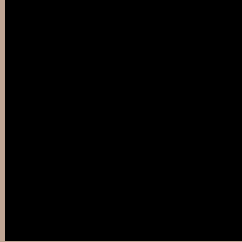
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 14.045, 61.094

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.045, 61.094.



This preview shows how white text looks on a background with the CIELCh color 70, 14.045, 61.094.

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


70, 14.045, 61.094

Protanopia

70, 11.340, 92.845

Deuteranopia

70, 15.339, 54.671



Tritanopia
70, 14.440, 351.365

Trichromacy



Original Color
70, 14.045, 61.094

Protanomaly
70, 11.976, 79.150

Deuteranomaly
70, 15.000, 55.546

Tritanomaly
70, 11.705, 15.109

Monochromacy



Original Color
70, 14.045, 61.094

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.752, 62.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.045, 61.094 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(192, 166, 149)` looks like.

```
.text, #text, p{  
    color:rgb(192, 166, 149)  
}
```

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(192, 166, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 166, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.045, 61.094 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(192, 166, 149) }
```

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

```
.border{ border-color:rgb(192, 166, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 166, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 166, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 166, 149);  
box-shadow:4px 4px 4px 4px rgb(192, 166,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.045, 61.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 166, 149) }
```

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

```
.background{ background-color: rgb(192,  
166, 149) }
```

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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