

Converting Colors

CIELCh(70, 34.385, 85.839)

Have a look what the booklet for
CIELCh(70, 34.385, 85.839) contains.

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Color

CIELCh(70, 34.269, 86.261)

Conversions

Conversions Part 1

Format	Color
Hex	C4A86D
RGB	196, 168, 109
RGB Percent	77%, 66%, 43%
CMY	0.2321, 0.3419, 0.5732
CMYK	0.00, 0.14, 0.44, 0.23
HSL	41°, 42%, 60%
HSV	41°, 44%, 77%
XYZ	39.4358, 40.7494, 20.2067
YIQ	169.6460, 35.6270, -12.4130

Conversions

Conversions Part 2

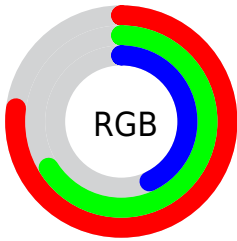
Format	Color
RYB	150, 196, 109
Decimal	12888173
CIELab	70.00, 2.23, 34.20
CIElCh	70, 34.269, 86.261
Yxy	40.7494, 0.3928, 0.4059
Android (android.graphics.Color)	4291078253 (0xFFC4A86D)
YUV	169.6460, -29.8985, 23.1125
Hunter-Lab	63.8353, -1.4389, 25.9167

Details

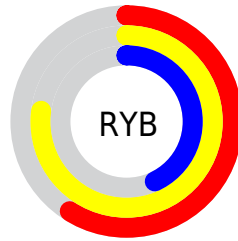
The CIELCh color **70, 34.269, 86.261** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **57, 34.282, 279.693**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 34.407, 86.314**, and **50, 34.134, 86.432** is the 20% darker color. If you saturate the color by 10%, you get **68, 42.125, 84.856**, and if you desaturate by 10%, it is **72, 26.374, 87.631**.

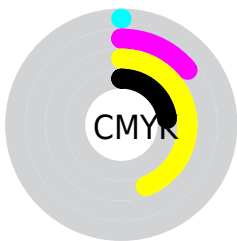
Distribution



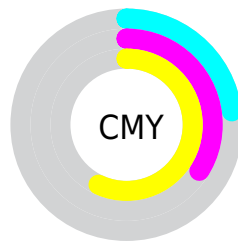
- Red (77%)
- Green (66%)
- Blue (43%)



- Red (59%)
- Yellow (77%)
- Blue (43%)



- Cyan (0%)
- Magenta (14%)
- Yellow (44%)
- Black (23%)



- Cyan (23%)
- Magenta (34%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 34.269, 86.261 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, 34.269, 86.261 by changing the saturation by 10% instead.

 70, 34.269, 86.261

 70, 34.269, 86.261

 100, 34.269,
86.261

 60, 34.269, 86.261

 90, 34.269, 86.261

 50, 34.269, 86.261

 40, 34.269, 86.261

 30, 34.269, 86.261

 20, 34.269, 86.261

 10, 34.269, 86.261

 0, 34.269, 86.261

 70, 34.269, 86.261

 70, 34.269, 86.261

 68, 42.125, 84.856

 72, 26.374, 87.631

66, 49.730, 83.385

74, 18.548, 88.957

64, 56.714, 81.809

76, 10.845, 90.237

63, 62.473, 80.037

78, 3.285, 91.435

61, 66.248, 77.912

80, 4.126, 272.761

60, 67.707, 76.616

82, 11.390,
273.876

85, 18.518,
274.967

87, 20.383,
270.835

88, 18.181,
260.519

Harmonies

Complementary

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



70, 34.269, 86.261



57, 34.282, 279.693

Rectangle

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



70, 34.269, 86.261



70, 34.269, 136.261



70, 34.269, 266.261



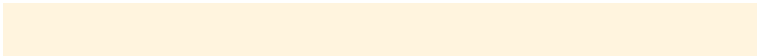
70, 34.269, 316.261

Sweetspot

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



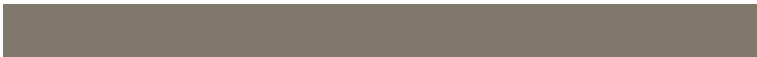
70, 34.270, 86.265



97, 12.099, 90.389



57, 37.886, 359.157



51, 8.486, 90.108



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 34.270, 86.265



87, 50.834, 84.940



76, 45.647, 113.542



40, 4.205, 90.862



50, 58.495, 77.055



8, 12.648, 80.117

Inverse Universe

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



57, 34.282, 279.693



68, 51.165, 282.090



51, 50.949, 301.058



38, 4.209, 273.280



27, 69.734, 296.849



3, 15.226, 280.395

Previews

White Background



This preview shows how the CIELCh color 70, 34.269, 86.261 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 70, 34.269, 86.261 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, 34.269, 86.261

Background



This preview shows how black text looks on a background with the CIELCh color 70, 34.269, 86.261.



This preview shows how white text looks on a background with the CIELCh color 70, 34.269, 86.261.

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, 34.269, 86.261

Protanopia

70, 33.518, 95.784

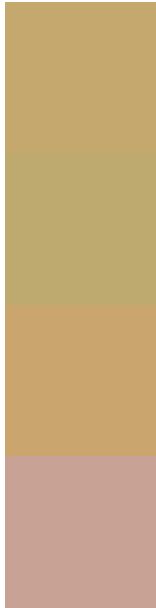
Deuteranopia

70, 34.903, 75.711



Tritanopia
70, 17.416, 359.076

Trichromacy



Original Color
70, 34.269, 86.261

Protanomaly
70, 33.559, 92.053

Deuteranomaly
70, 34.168, 79.157

Tritanomaly
70, 16.910, 47.157

Monochromacy



Original Color
70, 34.269, 86.261

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 12.651, 90.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 34.269, 86.261 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(196, 168, 109)` looks like.

```
.text, #text, p{  
    color:rgb(196, 168, 109)  
}
```

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(196, 168, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 168, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 34.269, 86.261 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(196, 168, 109) }
```

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

```
.border{ border-color:rgb(196, 168, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 168, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 168, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 168, 109);  
box-shadow:4px 4px 4px 4px rgb(196, 168,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 34.269, 86.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 168, 109) }
```

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

```
.background{ background-color: rgb(196,  
168, 109) }
```

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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