

Converting Colors

CIELCh(69, 24.999, 82.299)

Have a look what the booklet for
CIELCh(69, 24.999, 82.299) contains.

CIELCh(69, 25.030, 81.910)	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(69, 25.030, 81.910)

Conversions

Conversions Part 1

Format	Color
Hex	BFA57C
RGB	191, 165, 124
RGB Percent	75%, 65%, 49%
CMY	0.2518, 0.3537, 0.5144
CMYK	0.00, 0.14, 0.35, 0.25
HSL	37°, 34%, 62%
HSV	37°, 35%, 75%
XYZ	38.4846, 39.3444, 24.5754
YIQ	168.1000, 28.6570, -7.2390

Conversions

Conversions Part 2

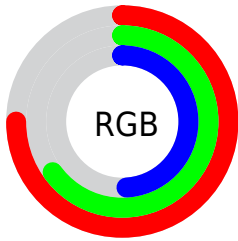
Format	Color
RYB	166, 191, 124
Decimal	12559740
CIELab	69.00, 3.52, 24.78
CIELCh	69, 25.030, 81.910
Yxy	39.3444, 0.3758, 0.3842
Android (android.graphics.Color)	4290749820 (0xFFBFA57C)
YUV	168.1000, -21.7413, 20.0833
Hunter-Lab	62.7251, -0.2512, 20.6781

Details

The CIELCh color **69, 25.030, 81.910** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **61, 24.207, 272.257**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 24.929, 82.155**, and **49, 24.696, 81.702** is the 20% darker color. If you saturate the color by 10%, you get **67, 32.561, 80.528**, and if you desaturate by 10%, it is **71, 17.655, 83.265**.

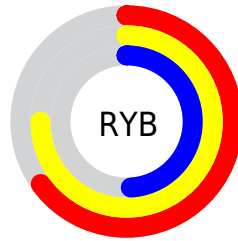
Distribution



Red (75%)

Green (65%)

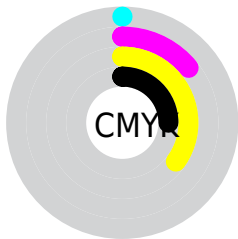
Blue (49%)



Red (65%)

Yellow (75%)

Blue (49%)

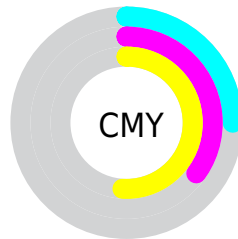


Cyan (0%)

Magenta (14%)

Yellow (35%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 25.030, 81.910 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 69, 25.030, 81.910 by changing the saturation by 10% instead.

 69, 25.030, 81.910

 69, 25.030, 81.910

 100, 25.030,
81.910

 59, 25.030, 81.910

 89, 25.030, 81.910

 49, 25.030, 81.910

 99, 25.030, 81.910

 39, 25.030, 81.910

 29, 25.030, 81.910

 19, 25.030, 81.910

 9, 25.030, 81.910

 0, 25.030, 81.910

 69, 25.030, 81.910

 69, 25.030, 81.910

 67, 32.561, 80.528

 71, 17.655, 83.265

65, 40.161, 79.093

74, 10.470, 84.570

62, 47.652, 77.587

76, 3.483, 85.794

60, 54.691, 75.947

78, 3.311, 267.186

59, 60.691, 74.048

81, 9.924, 268.316

57, 64.850, 71.672

83, 16.372,
269.439

56, 66.479, 70.430

86, 21.530,
269.094

88, 19.101,
257.267

90, 17.661,
242.960

Harmonies

Complementary

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



69, 25.030, 81.910



61, 24.207, 272.257

Rectangle

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



69, 25.030, 81.910



69, 25.030, 131.910



69, 25.030, 261.910



69, 25.030, 311.910

Sweetspot

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



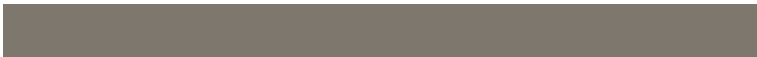
69, 25.031, 81.916



94, 9.359, 85.068



60, 30.051, 353.159



50, 6.353, 84.895



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 25.031, 81.916



85, 37.330, 80.870



75, 35.479, 111.270



39, 3.860, 85.294



47, 57.808, 70.936



7, 10.567, 72.772

Inverse Universe

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



61, 24.207, 272.257



74, 35.864, 273.968



55, 38.644, 297.787



38, 3.835, 267.782



29, 61.667, 292.754



3, 12.853, 276.036

Previews

White Background



This preview shows how the CIELCh color 69, 25.030, 81.910 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 69, 25.030, 81.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

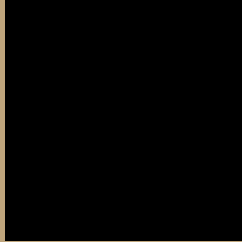
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

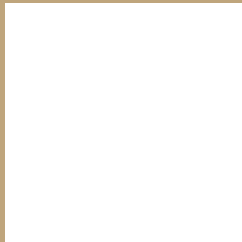
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 25.030, 81.910

Background



This preview shows how black text looks on a background with the CIELCh color 69, 25.030, 81.910.



This preview shows how white text looks on a background with the CIELCh color 69, 25.030, 81.910.

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

69, 25.030, 81.910

Protanopia

69, 24.037, 94.722

Deuteranopia

69, 26.280, 71.422



Tritanopia
69, 15.644, 356.159

Trichromacy



Original Color
69, 25.030, 81.910

Protanomaly
69, 24.136, 89.623

Deuteranomaly
69, 25.677, 75.058

Tritanomaly
69, 13.742, 36.558

Monochromacy



Original Color
69, 25.030, 81.910

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 8.934, 85.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 25.030, 81.910 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(191, 165, 124)` looks like.

```
.text, #text, p{  
    color:rgb(191, 165, 124)  
}
```

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(191, 165, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 165, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 25.030, 81.910 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(191, 165, 124) }
```

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

```
.border{ border-color:rgb(191, 165, 124) }
```

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

Here you see how a box with a 4 pixel rgb(191, 165, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 165, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 165, 124);  
box-shadow:4px 4px 4px 4px rgb(191, 165,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 25.030, 81.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 165, 124) }
```

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

```
.background{ background-color: rgb(191,  
165, 124) }
```

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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