

Converting Colors

CIELCh(65, 36.634, 78.026)

Have a look what the booklet for
CIELCh(65, 36.634, 78.026) contains.

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Color

CIELCh(65, 36.424, 77.504)

Conversions

Conversions Part 1

Format	Color
Hex	BF975E
RGB	191, 151, 94
RGB Percent	75%, 59%, 37%
CMY	0.2507, 0.4076, 0.6311
CMYK	0.00, 0.21, 0.51, 0.25
HSL	35°, 43%, 56%
HSV	35°, 51%, 75%
XYZ	34.6021, 34.0472, 15.3514
YIQ	156.4620, 42.1370, -9.2470

Conversions

Conversions Part 2

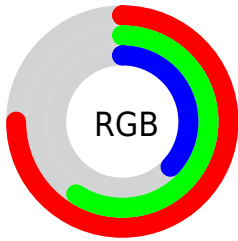
Format	Color
RYB	162, 191, 94
Decimal	12556126
CIELab	65.00, 7.88, 35.56
CIELCh	65, 36.424, 77.504
Yxy	34.0472, 0.4119, 0.4053
Android (android.graphics.Color)	4290746206 (0xFFBF975E)
YUV	156.4620, -30.7938, 30.2898
Hunter-Lab	58.3500, 3.7399, 25.2463

Details

The CIELCh color **65, 36.424, 77.504** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **55, 34.111, 273.893**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 36.517, 77.680**, and **45, 36.300, 77.268** is the 20% darker color. If you saturate the color by 10%, you get **63, 44.022, 76.049**, and if you desaturate by 10%, it is **67, 28.860, 78.912**.

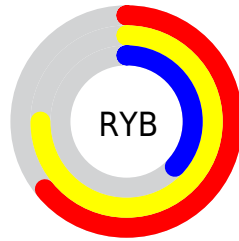
Distribution



Red (75%)

Green (59%)

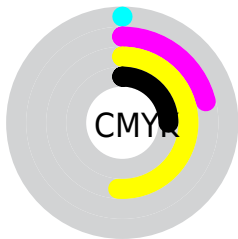
Blue (37%)



Red (64%)

Yellow (75%)

Blue (37%)

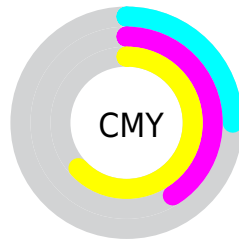


Cyan (0%)

Magenta (21%)

Yellow (51%)

Black (25%)



Cyan (25%)

Magenta (41%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 36.424, 77.504 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 65, 36.424, 77.504 by changing the saturation by 10% instead.

■ 65, 36.424, 77.504

■ 65, 36.424, 77.504

■ 100, 36.424,
77.504

■ 55, 36.424, 77.504

■ 85, 36.424, 77.504

■ 45, 36.424, 77.504

■ 95, 36.424, 77.504

■ 35, 36.424, 77.504

■ 25, 36.424, 77.504

■ 15, 36.424, 77.504

■ 5, 36.424, 77.504

■ 0, 36.424, 77.504

■ 65, 36.424, 77.504

■ 65, 36.424, 77.504

■ 63, 44.022, 76.049

■ 67, 28.860, 78.912

61, 51.405, 74.488

70, 21.451, 80.276

59, 58.110, 72.724

72, 14.249, 81.604

57, 63.399, 70.562

75, 7.268, 82.884

55, 66.802, 68.169

77, 0.505, 83.611

80, 6.053, 265.447

82, 12.424,
266.591

85, 18.624,
267.702

87, 19.653,
261.044

Harmonies

Complementary

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



65, 36.424, 77.504



55, 34.111, 273.893

Rectangle

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



65, 36.424, 77.504



65, 36.424, 127.504



65, 36.424, 257.504



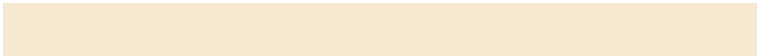
65, 36.424, 307.504

Sweetspot

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



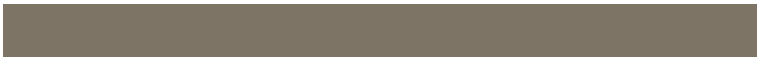
65, 36.424, 77.508



93, 12.576, 82.320



53, 43.636, 354.488



49, 8.680, 82.046



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



65, 36.424, 77.508



79, 54.538, 75.870



75, 50.285, 109.324



39, 3.776, 83.060



46, 58.002, 68.702



6, 10.405, 69.858

Inverse Universe

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



55, 34.111, 273.893



65, 50.683, 277.236



45, 57.692, 299.665



38, 3.741, 265.562



30, 59.039, 291.021



3, 12.572, 274.623

Previews

White Background



This preview shows how the CIELCh color 65, 36.424, 77.504 looks on a white background.

Color Contrast Check

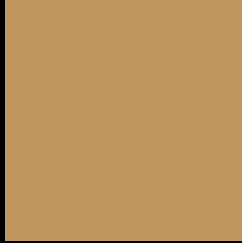
Large Text (above 18pt) WCAG AA × Fail

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 65, 36.424, 77.504 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 65, 36.424, 77.504

Background



This preview shows how black text looks on a background with the CIELCh color 65, 36.424, 77.504.



This preview shows how white text looks on a background with the CIELCh color 65, 36.424, 77.504.

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

65, 36.424, 77.504

Protanopia

65, 33.944, 95.438

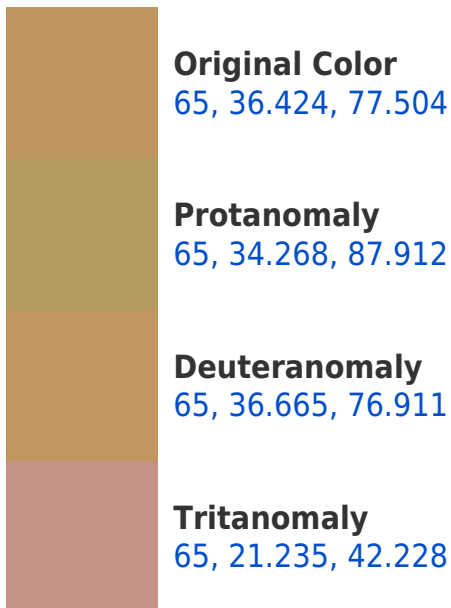
Deuteranopia

65, 36.665, 76.911



Tritanopia
65, 21.391, 5.220

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 36.424, 77.504 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, 151, 94)` looks like.

```
.text, #text, p{  
    color:rgb(191, 151, 94)  
}
```

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, 151, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 151, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 36.424, 77.504 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, 151, 94) }
```

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

```
.border{ border-color:rgb(191, 151, 94) }
```

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

Here you see how a box with a 4 pixel rgb(191, 151, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 151, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 151, 94);  
box-shadow:4px 4px 4px 4px rgb(191, 151,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 36.424, 77.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 151, 94) }
```

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

```
.background{ background-color: rgb(191,  
151, 94) }
```

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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