

Converting Colors

CIELCh(65, 32.570, 80.022)

Have a look what the booklet for
CIELCh(65, 32.570, 80.022) contains.

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Color

CIELCh(65, 32.817, 80.758)

Conversions

Conversions Part 1

Format	Color
Hex	BA9964
RGB	186, 153, 100
RGB Percent	73%, 60%, 39%
CMY	0.2714, 0.4008, 0.6086
CMYK	0.00, 0.18, 0.46, 0.27
HSL	37°, 38%, 56%
HSV	37°, 46%, 73%
XYZ	33.8486, 34.0472, 16.7971
YIQ	156.8250, 36.6810, -9.4870

Conversions

Conversions Part 2

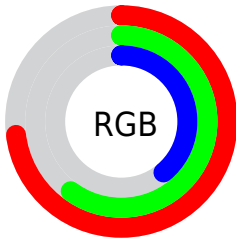
Format	Color
RYB	154, 186, 100
Decimal	12228964
CIELab	65.00, 5.27, 32.39
CIELCh	65, 32.817, 80.758
Yxy	34.0472, 0.3997, 0.4020
Android (android.graphics.Color)	4290419044 (0xFFBA9964)
YUV	156.8250, -28.0147, 25.5865
Hunter-Lab	58.3500, 1.4348, 23.7773

Details

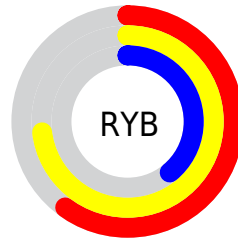
The CIELCh color **65, 32.817, 80.758** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **55, 31.545, 275.208**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 32.649, 80.193**, and **45, 32.751, 80.437** is the 20% darker color. If you saturate the color by 10%, you get **63, 40.256, 79.324**, and if you desaturate by 10%, it is **67, 25.426, 82.153**.

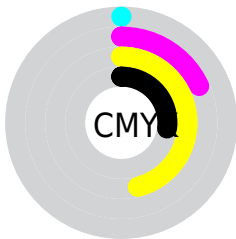
Distribution



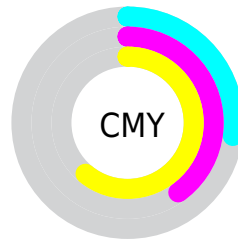
- Red (73%)
- Green (60%)
- Blue (39%)



- Red (60%)
- Yellow (73%)
- Blue (39%)



- Cyan (0%)
- Magenta (18%)
- Yellow (46%)
- Black (27%)



- Cyan (27%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 32.817, 80.758 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, 32.817, 80.758 by changing the saturation by 10% instead.

■ 65, 32.817, 80.758

■ 65, 32.817, 80.758

■ 100, 32.817,
80.758

■ 55, 32.817, 80.758

■ 85, 32.817, 80.758

■ 45, 32.817, 80.758

■ 95, 32.817, 80.758

■ 35, 32.817, 80.758

■ 25, 32.817, 80.758

■ 15, 32.817, 80.758

■ 5, 32.817, 80.758

■ 0, 32.817, 80.758

■ 65, 32.817, 80.758

■ 65, 32.817, 80.758

■ 63, 40.256, 79.324

■ 67, 25.426, 82.153

61, 47.550, 77.810

69, 18.173, 83.504

59, 54.344, 76.154

72, 11.100, 84.812

57, 60.035, 74.225

74, 4.216, 86.051

55, 63.886, 71.818

76, 2.482, 267.453

55, 65.137, 70.902

79, 9.004, 268.563

81, 15.365,
269.687

84, 21.579,
270.767

86, 22.008,
264.887

Harmonies

Complementary

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



65, 32.817, 80.758



55, 31.545, 275.208

Rectangle

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



65, 32.817, 80.758



65, 32.817, 130.758



65, 32.817, 260.758



65, 32.817, 310.758

Sweetspot

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



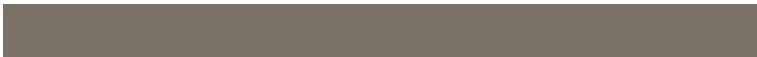
65, 32.817, 80.763



92, 11.811, 85.073



53, 38.755, 354.828



49, 8.246, 84.796



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



65, 32.817, 80.763



80, 49.717, 79.228



73, 45.180, 110.424



38, 3.788, 85.686



46, 57.096, 71.384



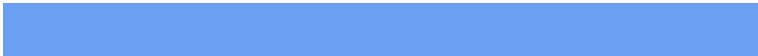
6, 9.276, 74.564

Inverse Universe

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



55, 31.545, 275.208



65, 47.610, 278.119



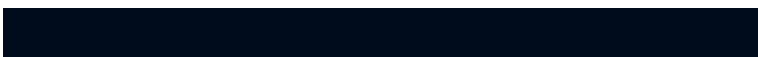
47, 50.957, 299.380



36, 3.767, 268.162



28, 61.312, 292.993



3, 11.336, 275.168

Previews

White Background



This preview shows how the CIELCh color 65, 32.817, 80.758 looks on a white background.

Color Contrast Check

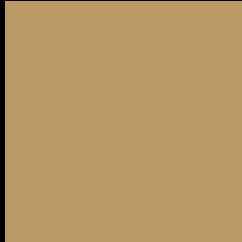
Large Text (above 18pt) WCAG AA × Fail

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, 32.817, 80.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

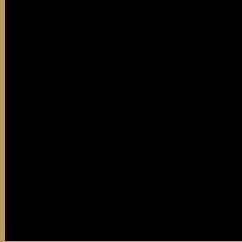
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 32.817, 80.758

Background



This preview shows how black text looks on a background with the CIELCh color 65, 32.817, 80.758.



This preview shows how white text looks on a background with the CIELCh color 65, 32.817, 80.758.

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, 32.817, 80.758

Protanopia

65, 31.252, 95.663

Deuteranopia

65, 33.315, 76.034



Tritanopia
65, 18.664, 2.386

Trichromacy



Original Color
65, 32.817, 80.758

Protanomaly
65, 31.603, 90.049

Deuteranomaly
65, 33.035, 78.377

Tritanomaly
65, 18.307, 41.923

Monochromacy



Original Color
65, 32.817, 80.758

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 11.608, 84.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 32.817, 80.758 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(186, 153, 100)` looks like.

```
.text, #text, p{  
    color:rgb(186, 153, 100)  
}
```

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(186, 153, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 153, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 32.817, 80.758 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(186, 153, 100) }
```

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

```
.border{ border-color:rgb(186, 153, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 153, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 153, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 153, 100);  
box-shadow:4px 4px 4px 4px rgb(186, 153,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 32.817, 80.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 153, 100) }
```

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

```
.background{ background-color: rgb(186,  
153, 100) }
```

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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