

Converting Colors

CIELCh(65, 27.349, 83.287)

Have a look what the booklet for
CIELCh(65, 27.349, 83.287) contains.

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Color

CIELCh(65, 27.383, 83.260)

Conversions

Conversions Part 1

Format	Color
Hex	B49A6D
RGB	180, 154, 109
RGB Percent	71%, 60%, 43%
CMY	0.2930, 0.3950, 0.5715
CMYK	0.00, 0.14, 0.39, 0.29
HSL	38°, 32%, 57%
HSV	38°, 39%, 71%
XYZ	33.2627, 34.0472, 19.3589
YIQ	156.6440, 29.9410, -8.4830

Conversions

Conversions Part 2

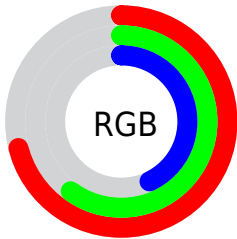
Format	Color
RYB	150, 180, 109
Decimal	11836013
CIELab	65.00, 3.21, 27.19
CIElCh	65, 27.383, 83.260
Yxy	34.0472, 0.3838, 0.3928
Android (android.graphics.Color)	4290026093 (0xFFB49A6D)
YUV	156.6440, -23.4885, 20.4832
Hunter-Lab	58.3500, -0.3575, 21.1742

Details

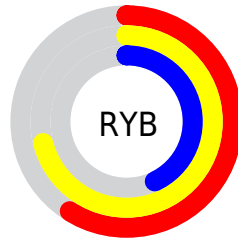
The CIELCh color **65, 27.383, 83.260** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **56, 26.714, 275.011**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 27.304, 82.840**, and **45, 27.235, 82.840** is the 20% darker color. If you saturate the color by 10%, you get **63, 34.656, 81.866**, and if you desaturate by 10%, it is **67, 20.200, 84.623**.

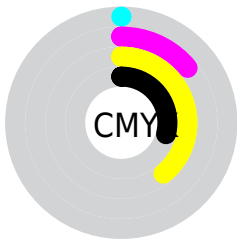
Distribution



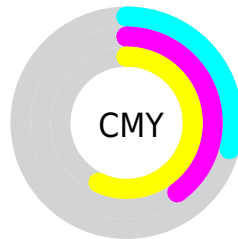
- Red (71%)
- Green (60%)
- Blue (43%)



- Red (59%)
- Yellow (71%)
- Blue (43%)



- Cyan (0%)
- Magenta (14%)
- Yellow (39%)
- Black (29%)



- Cyan (29%)
- Magenta (40%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 27.383, 83.260 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, 27.383, 83.260 by changing the saturation by 10% instead.

■ 65, 27.383, 83.260

■ 65, 27.383, 83.260

■ 100, 27.383,
83.260

■ 55, 27.383, 83.260

■ 85, 27.383, 83.260

■ 45, 27.383, 83.260

■ 95, 27.383, 83.260

■ 35, 27.383, 83.260

■ 25, 27.383, 83.260

■ 15, 27.383, 83.260

■ 5, 27.383, 83.260

■ 0, 27.383, 83.260

■ 65, 27.383, 83.260

■ 65, 27.383, 83.260

■ 63, 34.656, 81.866

■ 67, 20.200, 84.623

■ 61, 41.898, 80.413

■ 69, 13.163, 85.940

■ 59, 48.875, 78.872

■ 71, 6.293, 87.203

■ 57, 55.168, 77.167

■ 74, 0.407, 269.083

■ 56, 60.122, 75.152

■ 76, 6.943, 269.709

■ 54, 63.409, 72.745

■ 78, 13.326,
270.835

■ 54, 63.611, 72.606

■ 80, 19.569,
271.921

■ 83, 25.683,
272.957

■ 84, 23.831,
265.628

Harmonies

Complementary

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



65, 27.383, 83.260



56, 26.714, 275.011

Rectangle

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



65, 27.383, 83.260



65, 27.383, 133.260



65, 27.383, 263.260



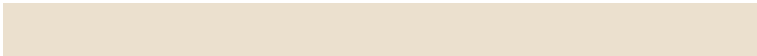
65, 27.383, 313.260

Sweetspot

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



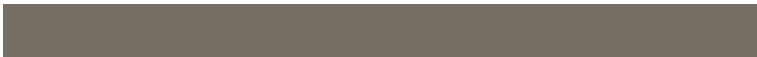
65, 27.384, 83.265



90, 9.992, 86.856



55, 31.775, 355.976



47, 6.634, 86.696



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 27.384, 83.265



81, 40.792, 82.093



71, 37.964, 112.428



37, 3.761, 87.213



46, 56.349, 73.043



5, 8.174, 77.936

Inverse Universe

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



56, 26.714, 275.011



67, 39.675, 277.019



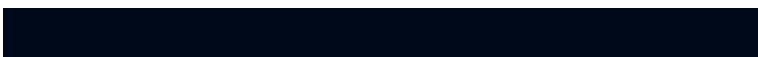
50, 41.795, 299.376



35, 3.748, 269.663



27, 62.320, 294.076



2, 9.860, 274.961

Previews

White Background



This preview shows how the CIELCh color 65, 27.383, 83.260 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 65, 27.383, 83.260 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, 27.383, 83.260

Background



This preview shows how black text looks on a background with the CIELCh color 65, 27.383, 83.260.



This preview shows how white text looks on a background with the CIELCh color 65, 27.383, 83.260.

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, 27.383, 83.260

Protanopia

65, 26.330, 96.173

Deuteranopia

65, 28.074, 72.859



Tritanopia
65, 15.647, 358.150

Trichromacy



Original Color
65, 27.383, 83.260

Protanomaly
65, 26.892, 91.649

Deuteranomaly
65, 27.492, 76.348

Tritanomaly
65, 14.380, 40.673

Monochromacy



Original Color
65, 27.383, 83.260

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 9.566, 87.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 27.383, 83.260 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(180, 154, 109)` looks like.

```
.text, #text, p{  
    color:rgb(180, 154, 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(180, 154, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 154, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 27.383, 83.260 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(180, 154, 109) }
```

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

```
.border{ border-color:rgb(180, 154, 109) }
```

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

Here you see how a box with a 4 pixel rgb(180, 154, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 154, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 154, 109);  
box-shadow:4px 4px 4px 4px rgb(180, 154,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 27.383, 83.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 154, 109) }
```

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

```
.background{ background-color: rgb(180,  
154, 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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