

Converting Colors

CIELCh(65, 26.944, 77.716)

Have a look what the booklet for
CIELCh(65, 26.944, 77.716) contains.

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Color

CIELCh(65, 26.983, 77.927)

Conversions

Conversions Part 1

Format	Color
Hex	B8996F
RGB	184, 153, 111
RGB Percent	72%, 60%, 44%
CMY	0.2791, 0.4006, 0.5653
CMYK	0.00, 0.17, 0.40, 0.28
HSL	35°, 34%, 58%
HSV	35°, 40%, 72%
XYZ	33.9556, 34.0472, 19.7789
YIQ	157.4810, 31.9580, -6.4900

Conversions

Conversions Part 2

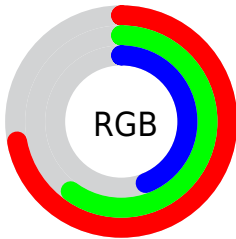
Format	Color
RYB	165, 184, 111
Decimal	12097903
CIELab	65.00, 5.64, 26.39
CIElCh	65, 26.983, 77.927
Yxy	34.0472, 0.3868, 0.3879
Android (android.graphics.Color)	4290287983 (0xFFB8996F)
YUV	157.4810, -22.9151, 23.2572
Hunter-Lab	58.3500, 1.7622, 20.7474

Details

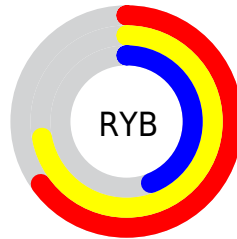
The CIELCh color $65, 26.983, 77.927$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $58, 25.406, 269.928$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 26.912, 77.771$, and $45, 26.640, 77.984$ is the 20% darker color. If you saturate the color by 10%, you get $63, 34.287, 76.547$, and if you desaturate by 10%, it is $67, 19.856, 79.283$.

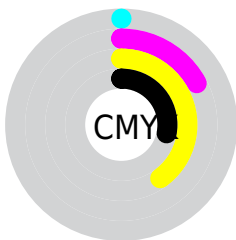
Distribution



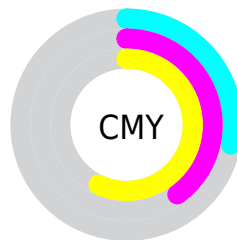
- Red (72%)
- Green (60%)
- Blue (44%)



- Red (65%)
- Yellow (72%)
- Blue (44%)



- Cyan (0%)
- Magenta (17%)
- Yellow (40%)
- Black (28%)



- Cyan (28%)
- Magenta (40%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 26.983, 77.927 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, 26.983, 77.927 by changing the saturation by 10% instead.

■ 65, 26.983, 77.927

■ 65, 26.983, 77.927

■ 100, 26.983,
77.927

■ 55, 26.983, 77.927

■ 85, 26.983, 77.927

■ 45, 26.983, 77.927

■ 95, 26.983, 77.927

■ 35, 26.983, 77.927

■ 25, 26.983, 77.927

■ 15, 26.983, 77.927

■ 5, 26.983, 77.927

■ 0, 26.983, 77.927

■ 65, 26.983, 77.927

■ 65, 26.983, 77.927

■ 63, 34.287, 76.547

■ 67, 19.856, 79.283

60, 41.666, 75.110

70, 12.947, 80.598

58, 48.907, 73.582

72, 6.265, 81.863

56, 55.601, 71.865

75, 0.199, 264.616

54, 61.064, 69.775

77, 6.458, 264.413

52, 64.941, 67.228

80, 12.531,
265.553

52, 65.062, 67.157

83, 18.435,
266.659

85, 22.831,
265.859

87, 20.506,
253.777

Harmonies

Complementary

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



65, 26.983, 77.927



58, 25.406, 269.928

Rectangle

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



65, 26.983, 77.927



65, 26.983, 127.927



65, 26.983, 257.927



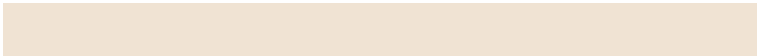
65, 26.983, 307.927

Sweetspot

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



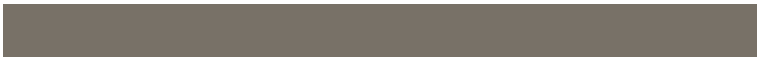
65, 26.983, 77.933



91, 9.658, 81.553



56, 33.537, 351.635



48, 6.417, 81.392



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 26.983, 77.933



80, 41.032, 76.672



73, 38.679, 109.423



38, 3.653, 81.907



45, 57.440, 67.648



6, 9.033, 69.807

Inverse Universe

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



58, 25.406, 269.928



70, 38.125, 272.197



50, 42.759, 297.402



37, 3.614, 264.404



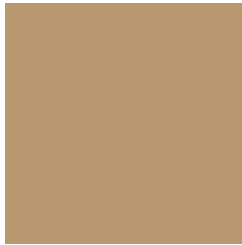
30, 56.966, 290.039



3, 10.942, 272.753

Previews

White Background



This preview shows how the CIELCh color 65, 26.983, 77.927 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, 26.983, 77.927 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, 26.983, 77.927

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.983, 77.927.



This preview shows how white text looks on a background with the CIELCh color 65, 26.983, 77.927.

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, 26.983, 77.927

Protanopia

65, 25.268, 95.855

Deuteranopia

65, 27.608, 72.314



Tritanopia
65, 17.515, 0.944

Trichromacy



Original Color
65, 26.983, 77.927

Protanomaly
65, 25.627, 89.048

Deuteranomaly
65, 27.260, 75.087

Tritanomaly
65, 16.185, 36.511

Monochromacy



Original Color
65, 26.983, 77.927

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 9.615, 79.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.983, 77.927 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(184, 153, 111)` looks like.

```
.text, #text, p{  
    color:rgb(184, 153, 111)  
}
```

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(184, 153, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 153, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.983, 77.927 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(184, 153, 111) }
```

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

```
.border{ border-color:rgb(184, 153, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 153, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 153, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 153, 111);  
box-shadow:4px 4px 4px 4px rgb(184, 153,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.983, 77.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 153, 111) }
```

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

```
.background{ background-color: rgb(184,  
153, 111) }
```

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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