

Converting Colors

CIELCh(65, 27.104, 105.992)

Have a look what the booklet for
CIELCh(65, 27.104, 105.992)
contains.

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Color

CIELCh(65, 26.840, 105.475)

Conversions

Conversions Part 1

Format	Color
Hex	A2A06F
RGB	162, 160, 111
RGB Percent	64%, 63%, 44%
CMY	0.3641, 0.3719, 0.5641
CMYK	0.00, 0.01, 0.31, 0.36
HSL	58°, 22%, 54%
HSV	58°, 31%, 64%
XYZ	30.4101, 34.0472, 20.0522
YIQ	155.0120, 16.9210, -14.8150

Conversions

Conversions Part 2

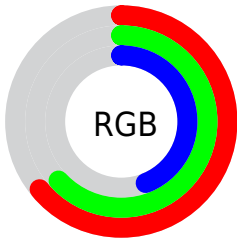
Format	Color
RYB	113, 162, 111
Decimal	10657903
CIELab	65.00, -7.16, 25.87
CIElCh	65, 26.840, 105.475
Yxy	34.0472, 0.3598, 0.4029
Android (android.graphics.Color)	4288847983 (0xFFA2A06F)
YUV	155.0120, -21.6979, 6.1285
Hunter-Lab	58.3500, -9.0841, 20.4697

Details

The CIELCh color **65, 26.840, 105.475** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **49, 28.771, 292.496**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 27.055, 106.173**, and **45, 26.757, 105.358** is the 20% darker color. If you saturate the color by 10%, you get **65, 35.095, 104.505**, and if you desaturate by 10%, it is **65, 18.391, 106.466**.

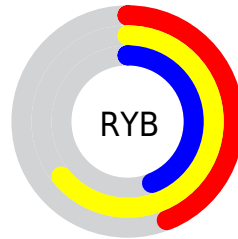
Distribution



Red (64%)

Green (63%)

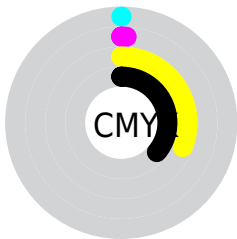
Blue (44%)



Red (44%)

Yellow (64%)

Blue (44%)

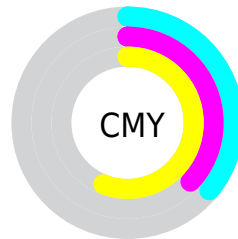


Cyan (0%)

Magenta (1%)

Yellow (31%)

Black (36%)



Cyan (36%)


Magenta (37%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 26.840, 105.475 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, 26.840, 105.475 by changing the saturation by 10% instead.


 65, 26.840,
105.475


 65, 26.840,
105.475


 100, 26.840,
105.475


 55, 26.840,
105.475


 85, 26.840,
105.475

 45, 26.840,
105.475

 95, 26.840,
105.475

 35, 26.840,
105.475

 25, 26.840,
105.475

 15, 26.840,
105.475

 5, 26.840, 105.475

 0, 26.840, 105.475

65, 26.840,
105.475

65, 26.840,
105.475

65, 35.095,
104.505

65, 18.391,
106.466

64, 43.005,
103.566

66, 9.839, 107.451

64, 50.346,
102.687

67, 1.244, 108.377

67, 7.357, 289.391

64, 56.791,
101.898

68, 15.937,
290.306

63, 61.923,
101.229

69, 24.481,
291.188

63, 65.335,
100.705

69, 32.977,
292.032

63, 67.133,
100.346

70, 41.416,
292.834

■ 71, 48.661,
293.462

Harmonies

Complementary

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



65, 26.840, 105.475



49, 28.771, 292.496

Rectangle

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



65, 26.840, 105.475



65, 26.840, 155.475



65, 26.840, 285.475



65, 26.840, 335.475

Sweetspot

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



65, 26.841, 105.479



84, 9.603, 107.673



52, 21.694, 18.205



45, 6.726, 107.538



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 26.841, 105.479



82, 40.062, 104.769



64, 29.539, 125.815



34, 4.884, 107.664



57, 61.972, 100.370



5, 7.535, 108.022

Inverse Universe

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



49, 28.771, 292.496



59, 43.818, 293.712



51, 31.002, 308.919



32, 4.982, 289.539



16, 86.042, 305.659



1, 7.665, 288.728

Previews

White Background



This preview shows how the CIELCh color 65, 26.840, 105.475 looks on a white background.

Color Contrast Check

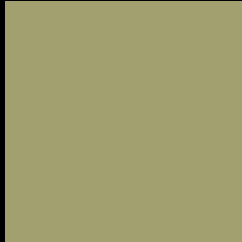
Large Text (above 18pt) WCAG AA × Fail

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, 26.840, 105.475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

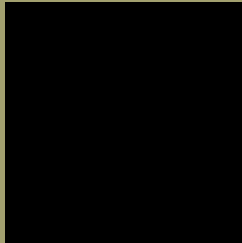
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 26.840, 105.475

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.840, 105.475.



This preview shows how white text looks on a background with the CIELCh color 65, 26.840, 105.475.

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, 26.840, 105.475

Protanopia

65, 26.861, 96.319

Deuteranopia

65, 26.411, 71.896



Tritanopia
65, 9.066, 332.913

Trichromacy



Original Color
65, 26.840, 105.475

Protanomaly
65, 27.077, 100.044

Deuteranomaly
65, 25.490, 83.810

Tritanomaly
65, 7.492, 73.796

Monochromacy



Original Color
65, 26.840, 105.475

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 9.976, 106.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.840, 105.475 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(162, 160, 111)` looks like.

```
.text, #text, p{  
    color:rgb(162, 160, 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(162, 160, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 160, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.840, 105.475 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(162, 160, 111) }
```

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

```
.border{ border-color:rgb(162, 160, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 160, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 160, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 160, 111);  
box-shadow:4px 4px 4px 4px rgb(162, 160,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.840, 105.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 160, 111) }
```

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

```
.background{ background-color: rgb(162,  
160, 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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