

Converting Colors

CIELCh(65, 27.540, 93.562)

Have a look what the booklet for
CIELCh(65, 27.540, 93.562) contains.

CIELCh(65, 27.710, 93.806)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 27.710, 93.806)

Conversions

Conversions Part 1

Format	Color
Hex	AC9D6C
RGB	172, 157, 108
RGB Percent	67%, 62%, 42%
CMY	0.3248, 0.3836, 0.5758
CMYK	0.00, 0.09, 0.37, 0.32
HSL	46°, 28%, 55%
HSV	46°, 37%, 68%
XYZ	31.8521, 34.0472, 19.1248
YIQ	155.8990, 24.6690, -12.0590

Conversions

Conversions Part 2

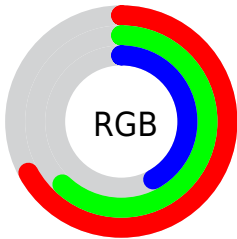
Format	Color
RYB	128, 172, 108
Decimal	11312492
CIELab	65.00, -1.84, 27.65
CIElCh	65, 27.710, 93.806
Yxy	34.0472, 0.3746, 0.4004
Android (android.graphics.Color)	4289502572 (0xFFAC9D6C)
YUV	155.8990, -23.6142, 14.1206
Hunter-Lab	58.3500, -4.6729, 21.4120

Details

The CIELCh color **65, 27.710, 93.806** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **52, 28.661, 283.880**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 27.487, 93.579**, and **45, 27.620, 93.413** is the 20% darker color. If you saturate the color by 10%, you get **64, 35.149, 92.545**, and if you desaturate by 10%, it is **66, 20.206, 95.049**.

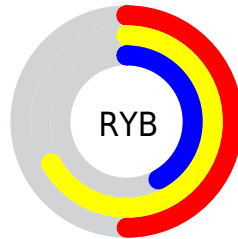
Distribution



Red (67%)

Green (62%)

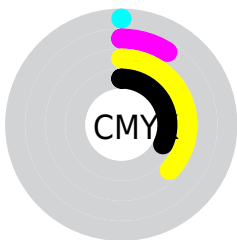
Blue (42%)



Red (50%)

Yellow (67%)

Blue (42%)

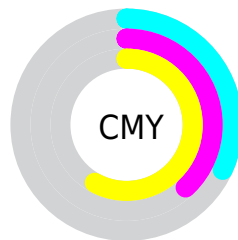


Cyan (0%)

Magenta (9%)

Yellow (37%)

Black (32%)



Cyan (32%)

Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 27.710, 93.806 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, 27.710, 93.806 by changing the saturation by 10% instead.

■ 65, 27.710, 93.806

■ 65, 27.710, 93.806

■ 100, 27.710,
93.806

■ 55, 27.710, 93.806

■ 85, 27.710, 93.806

■ 45, 27.710, 93.806

■ 95, 27.710, 93.806

■ 35, 27.710, 93.806

■ 25, 27.710, 93.806

■ 15, 27.710, 93.806

■ 5, 27.710, 93.806

■ 0, 27.710, 93.806

■ 65, 27.710, 93.806

■ 65, 27.710, 93.806

■ 64, 35.149, 92.545

■ 66, 20.206, 95.049

62, 42.377, 91.254

68, 12.715, 96.255

61, 49.144, 89.931

69, 5.281, 97.413

60, 55.053, 88.553

71, 2.074, 278.654

59, 59.543, 87.069

72, 9.341, 279.684

58, 62.167, 85.410

74, 16.516,
280.720

57, 62.812, 84.941

76, 23.602,
281.712

77, 30.601,
282.655

79, 33.306,
281.690

Harmonies

Complementary

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



65, 27.710, 93.806



52, 28.661, 283.880

Rectangle

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



65, 27.710, 93.806



65, 27.710, 143.806



65, 27.710, 273.806



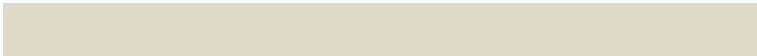
65, 27.710, 323.806

Sweetspot

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



65, 27.711, 93.811



87, 10.064, 96.956



53, 27.732, 3.899



46, 6.759, 96.805



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 27.711, 93.811



81, 41.599, 92.720



68, 35.087, 117.611



36, 4.195, 97.173



50, 56.929, 85.166



5, 8.125, 92.616

Inverse Universe

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



52, 28.661, 283.880



62, 43.575, 285.701



50, 38.037, 302.786



34, 4.232, 279.406



22, 74.745, 300.749



2, 9.279, 280.931

Previews

White Background



This preview shows how the CIELCh color 65, 27.710, 93.806 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, 27.710, 93.806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

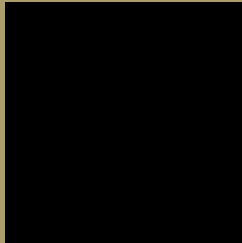
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 27.710, 93.806

Background



This preview shows how black text looks on a background with the CIELCh color 65, 27.710, 93.806.



This preview shows how white text looks on a background with the CIELCh color 65, 27.710, 93.806.

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, 27.710, 93.806

Protanopia

65, 28.008, 95.722

Deuteranopia

65, 28.542, 73.383



Tritanopia
65, 12.694, 349.089

Trichromacy



Original Color
65, 27.710, 93.806

Protanomaly
65, 28.008, 95.722

Deuteranomaly
65, 27.523, 80.406

Tritanomaly
65, 11.141, 53.053

Monochromacy



Original Color
65, 27.710, 93.806

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 9.716, 94.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 27.710, 93.806 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(172, 157, 108)` looks like.

```
.text, #text, p{  
    color:rgb(172, 157, 108)  
}
```

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(172, 157, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 157, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 27.710, 93.806 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(172, 157, 108) }
```

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

```
.border{ border-color:rgb(172, 157, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 157, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 157, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 157, 108);  
box-shadow:4px 4px 4px 4px rgb(172, 157,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 27.710, 93.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 157, 108) }
```

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

```
.background{ background-color: rgb(172,  
157, 108) }
```

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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