

Converting Colors

CIELCh(65, 22.843, 76.672)

Have a look what the booklet for
CIELCh(65, 22.843, 76.672) contains.

CIELCh(65, 22.891, 76.698)	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, 22.891, 76.698)

Conversions

Conversions Part 1

Format	Color
Hex	B59976
RGB	181, 153, 118
RGB Percent	71%, 60%, 46%
CMY	0.2890, 0.3989, 0.5362
CMYK	0.00, 0.15, 0.35, 0.29
HSL	33°, 30%, 59%
HSV	33°, 35%, 71%
XYZ	33.8475, 34.0472, 22.0107
YIQ	157.3820, 27.9230, -4.9490

Conversions

Conversions Part 2

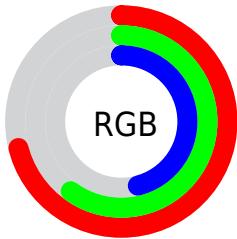
Format	Color
RYB	168, 181, 118
Decimal	11901302
CIELab	65.00, 5.27, 22.28
CIELCh	65, 22.891, 76.698
Yxy	34.0472, 0.3765, 0.3787
Android (android.graphics.Color)	4290091382 (0xFFB59976)
YUV	157.3820, -19.4153, 20.7130
Hunter-Lab	58.3500, 1.4315, 18.4797

Details

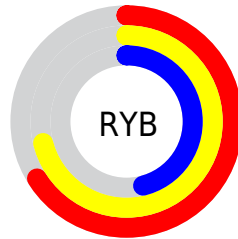
The CIELCh color $65, 22.891, 76.698$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $60, 21.482, 266.894$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 23.058, 76.333$, and $45, 23.028, 76.695$ is the 20% darker color. If you saturate the color by 10%, you get $63, 30.003, 75.357$, and if you desaturate by 10%, it is $67, 16.006, 78.022$.

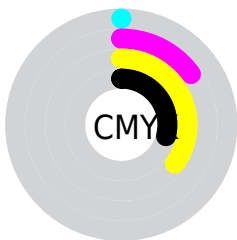
Distribution



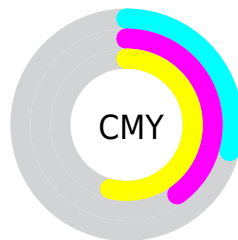
- Red (71%)
- Green (60%)
- Blue (46%)



- Red (66%)
- Yellow (71%)
- Blue (46%)



- Cyan (0%)
- Magenta (15%)
- Yellow (35%)
- Black (29%)



- Cyan (29%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 22.891, 76.698 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, 22.891, 76.698 by changing the saturation by 10% instead.

■ 65, 22.891, 76.698

■ 65, 22.891, 76.698

■ 100, 22.891,
76.698

■ 55, 22.891, 76.698

■ 85, 22.891, 76.698

■ 45, 22.891, 76.698

■ 95, 22.891, 76.698

■ 35, 22.891, 76.698

■ 25, 22.891, 76.698

■ 15, 22.891, 76.698

■ 5, 22.891, 76.698

■ 0, 22.891, 76.698

■ 65, 22.891, 76.698

■ 65, 22.891, 76.698

■ 63, 30.003, 75.357

■ 67, 16.006, 78.022

60, 37.283, 73.973

70, 9.365, 79.304

58, 44.593, 72.526

73, 2.963, 80.498

56, 51.648, 70.949

75, 3.215, 261.918

54, 57.919, 69.099

78, 9.188, 263.041

52, 62.613, 66.723

80, 14.976,
264.165

51, 64.707, 65.412

83, 20.597,
265.249

86, 22.359,
260.581

88, 20.431,
247.412

Harmonies

Complementary

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



65, 22.891, 76.698



60, 21.482, 266.894

Rectangle

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



65, 22.891, 76.698



65, 22.891, 126.698



65, 22.891, 256.698



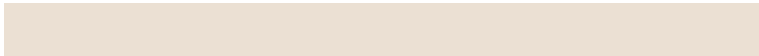
65, 22.891, 306.698

Sweetspot

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



65, 22.891, 76.704



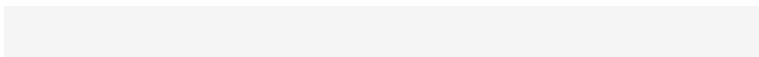
90, 7.753, 79.874



57, 29.279, 349.931



47, 5.299, 79.705



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, 22.891, 76.704



80, 34.589, 75.638



72, 33.631, 109.094



38, 3.593, 79.974



44, 57.708, 65.877



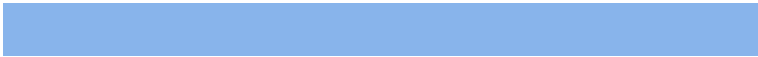
5, 8.941, 67.507

Inverse Universe

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



60, 21.482, 266.894



72, 31.962, 268.709



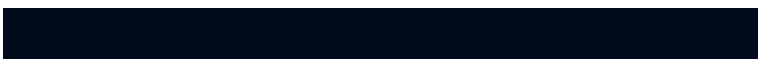
52, 36.632, 296.142



37, 3.545, 262.470



31, 54.889, 288.454



3, 10.749, 271.458

Previews

White Background



This preview shows how the CIELCh color 65, 22.891, 76.698 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, 22.891, 76.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

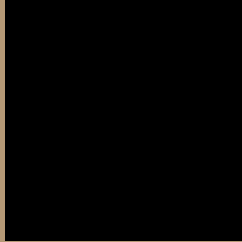
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 22.891, 76.698

Background



This preview shows how black text looks on a background with the CIELCh color 65, 22.891, 76.698.



This preview shows how white text looks on a background with the CIELCh color 65, 22.891, 76.698.

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, 22.891, 76.698

Protanopia

65, 21.443, 95.491

Deuteranopia

65, 23.404, 68.647



Tritanopia
65, 16.013, 358.753

Trichromacy



Original Color
65, 22.891, 76.698

Protanomaly
65, 21.690, 88.647

Deuteranomaly
65, 22.987, 71.851

Tritanomaly
65, 14.181, 34.065

Monochromacy



Original Color
65, 22.891, 76.698

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.740, 78.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 22.891, 76.698 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(181, 153, 118)` looks like.

```
.text, #text, p{  
    color:rgb(181, 153, 118)  
}
```

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(181, 153, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 153, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 22.891, 76.698 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(181, 153, 118) }
```

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

```
.border{ border-color:rgb(181, 153, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 153, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 153, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 153, 118);  
box-shadow:4px 4px 4px 4px rgb(181, 153,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 22.891, 76.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 153, 118) }
```

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

```
.background{ background-color: rgb(181,  
153, 118) }
```

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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