

Converting Colors

CIELCh(68, 25.776, 79.274)

Have a look what the booklet for
CIELCh(68, 25.776, 79.274) contains.

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Color

CIELCh(68, 25.776, 79.274)

Conversions

Conversions Part 1

Format	Color
Hex	BEA178
RGB	190, 161, 120
RGB Percent	75%, 63%, 47%
CMY	0.2534, 0.3672, 0.5281
CMYK	0.00, 0.15, 0.37, 0.25
HSL	35°, 35%, 61%
HSV	35°, 37%, 75%
XYZ	37.5449, 37.9720, 23.2271
YIQ	164.9970, 30.4450, -6.6030

Conversions

Conversions Part 2

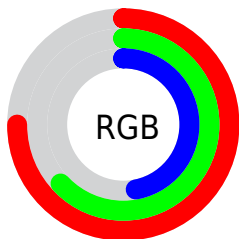
Format	Color
RYB	170, 190, 120
Decimal	12493176
CIELab	68.00, 4.80, 25.33
CIELCh	68, 25.776, 79.274
Yxy	37.9720, 0.3802, 0.3846
Android (android.graphics.Color)	4290683256 (0xFFBEA178)
YUV	164.9970, -22.1835, 21.9276
Hunter-Lab	61.6215, 0.9196, 20.7867

Details

The CIELCh color **68, 25.776, 79.274** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **61, 24.524, 270.252**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 25.596, 79.707**, and **48, 25.791, 80.148** is the 20% darker color. If you saturate the color by 10%, you get **66, 33.263, 77.894**, and if you desaturate by 10%, it is **70, 18.474, 80.629**.

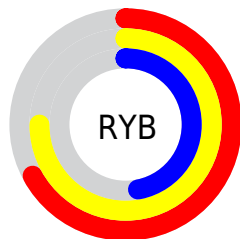
Distribution



Red (75%)

Green (63%)

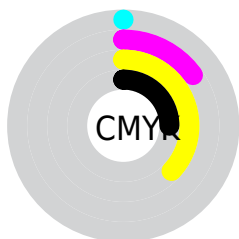
Blue (47%)



Red (67%)

Yellow (75%)

Blue (47%)

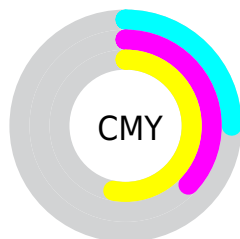


Cyan (0%)

Magenta (15%)

Yellow (37%)

Black (25%)



Cyan (25%)

Magenta (37%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 25.776, 79.274 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 68, 25.776, 79.274 by changing the saturation by 10% instead.

■ 68, 25.776, 79.274

■ 68, 25.776, 79.274

■ 100, 25.776,
79.274

■ 58, 25.776, 79.274

■ 88, 25.776, 79.274

■ 48, 25.776, 79.274

■ 98, 25.776, 79.274

■ 38, 25.776, 79.274

■ 28, 25.776, 79.274

■ 18, 25.776, 79.274

■ 8, 25.776, 79.274

■ 0, 25.776, 79.274

■ 68, 25.776, 79.274

■ 68, 25.776, 79.274

■ 66, 33.263, 77.894

■ 70, 18.474, 80.629

63, 40.846, 76.463

73, 11.389, 81.939

61, 48.338, 74.953

75, 4.527, 83.184

59, 55.378, 73.289

78, 2.121, 264.627

57, 61.337, 71.316

81, 8.570, 265.722

55, 65.452, 68.811

83, 14.838,
266.857

55, 66.644, 68.000

86, 20.942,
267.950

88, 19.064,
256.187

90, 17.663,
240.808

Harmonies

Complementary

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



68, 25.776, 79.274



61, 24.524, 270.252

Rectangle

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



68, 25.776, 79.274



68, 25.776, 129.274



68, 25.776, 259.274



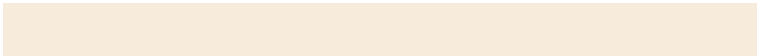
68, 25.776, 309.274

Sweetspot

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



68, 25.776, 79.280



94, 9.145, 82.651



59, 31.706, 352.310



50, 6.209, 82.479



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



68, 25.776, 79.280



84, 38.583, 78.186



75, 37.015, 110.398



39, 3.770, 82.877



46, 58.022, 68.525



6, 10.394, 69.626

Inverse Universe

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



61, 24.524, 270.252



74, 36.324, 272.118



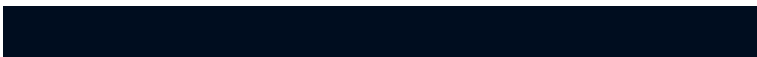
54, 40.543, 297.495



38, 3.734, 265.380



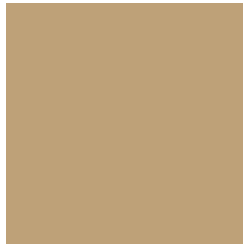
30, 58.830, 290.876



3, 12.550, 274.505

Previews

White Background



This preview shows how the CIELCh color 68, 25.776, 79.274 looks on a white background.

Color Contrast Check

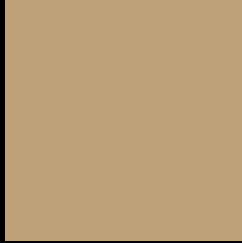
Large Text (above 18pt) WCAG AA × Fail

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 68, 25.776, 79.274 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 68, 25.776, 79.274

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.776, 79.274.



This preview shows how white text looks on a background with the CIELCh color 68, 25.776, 79.274.

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


68, 25.776, 79.274

Protanopia

68, 24.522, 95.848

Deuteranopia

68, 26.387, 71.353



Tritanopia
68, 16.788, 358.031

Trichromacy



Original Color
68, 25.776, 79.274

Protanomaly
68, 24.735, 89.863

Deuteranomaly
68, 26.028, 74.210

Tritanomaly
68, 15.012, 35.350

Monochromacy



Original Color
68, 25.776, 79.274

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 9.131, 83.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.776, 79.274 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(190, 161, 120)` looks like.

```
.text, #text, p{  
    color:rgb(190, 161, 120)  
}
```

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(190, 161, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 161, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.776, 79.274 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(190, 161, 120) }
```

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

```
.border{ border-color:rgb(190, 161, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 161, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 161, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 161, 120);  
box-shadow:4px 4px 4px 4px rgb(190, 161,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.776, 79.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 161, 120) }
```

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

```
.background{ background-color: rgb(190,  
161, 120) }
```

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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