

Converting Colors

CIELCh(66, 19.823, 79.978)

Have a look what the booklet for
CIELCh(66, 19.823, 79.978) contains.

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Color

CIELCh(66, 19.706, 79.119)

Conversions

Conversions Part 1

Format	Color
Hex	B49D7E
RGB	180, 157, 126
RGB Percent	71%, 62%, 49%
CMY	0.2941, 0.3843, 0.5059
CMYK	0.00, 0.13, 0.30, 0.29
HSL	34°, 26%, 60%
HSV	34°, 30%, 71%
XYZ	34.6455, 35.3238, 24.7311
YIQ	160.3430, 23.6590, -4.7650

Conversions

Conversions Part 2

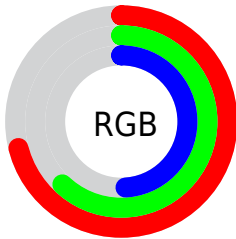
Format	Color
RYB	166, 180, 126
Decimal	11836798
CIELab	66.00, 3.72, 19.35
CIElCh	66, 19.706, 79.119
Yxy	35.3238, 0.3658, 0.3730
Android (android.graphics.Color)	4290026878 (0xFFB49D7E)
YUV	160.3430, -16.9311, 17.2392
Hunter-Lab	59.4338, 0.0429, 16.9324

Details

The CIELCh color **66, 19.706, 79.119** is a light color, and the websafe version is hex **999966**. A complement of this color would be **61, 18.834, 267.718**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 19.414, 78.618**, and **46, 19.553, 79.740** is the 20% darker color. If you saturate the color by 10%, you get **64, 26.714, 77.778**, and if you desaturate by 10%, it is **68, 12.914, 80.439**.

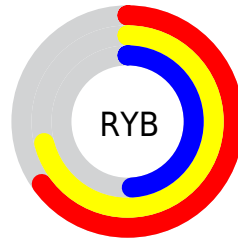
Distribution



Red (71%)

Green (62%)

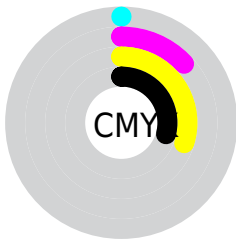
Blue (49%)



Red (65%)

Yellow (71%)

Blue (49%)

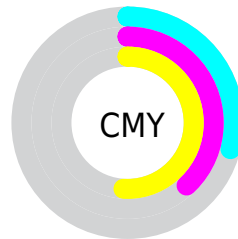


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (29%)



Cyan (29%)

Magenta (38%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 19.706, 79.119 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 66, 19.706, 79.119 by changing the saturation by 10% instead.

■ 66, 19.706, 79.119

■ 66, 19.706, 79.119

■ 100, 19.706,
79.119

■ 56, 19.706, 79.119

■ 86, 19.706, 79.119

■ 46, 19.706, 79.119

■ 96, 19.706, 79.119

■ 36, 19.706, 79.119

■ 26, 19.706, 79.119

■ 16, 19.706, 79.119

■ 6, 19.706, 79.119

■ 0, 19.706, 79.119

■ 66, 19.706, 79.119

■ 66, 19.706, 79.119

■ 64, 26.714, 77.778

■ 68, 12.914, 80.439

61, 33.895, 76.394

71, 6.345, 81.704

59, 41.150, 74.960

73, 0.010, 294.606

57, 48.266, 73.432

76, 6.159, 264.253

55, 54.838, 71.715

78, 12.125,
265.392

53, 60.193, 69.619

81, 17.925,
266.498

51, 64.060, 67.098

84, 23.576,
267.557

51, 64.060, 67.098

86, 22.375,
258.836

88, 20.653,
246.269

Harmonies

Complementary

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



66, 19.706, 79.119



61, 18.834, 267.718

Rectangle

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



66, 19.706, 79.119



66, 19.706, 129.119



66, 19.706, 259.119



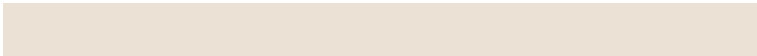
66, 19.706, 309.119

Sweetspot

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



66, 19.707, 79.126



90, 7.072, 81.807



59, 24.844, 350.370



47, 4.923, 81.632



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 19.707, 79.126



82, 29.657, 78.238



72, 28.982, 110.238



37, 3.565, 81.788



44, 56.757, 67.584



5, 7.831, 71.252

Inverse Universe

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



61, 18.834, 267.718



75, 28.040, 269.097



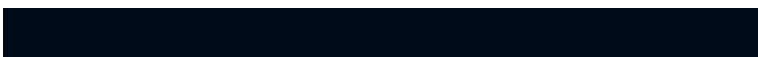
55, 31.128, 296.008



36, 3.526, 264.276



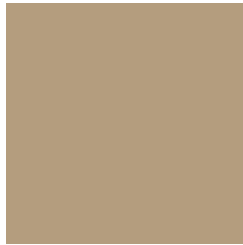
30, 56.063, 289.878



3, 9.384, 271.441

Previews

White Background



This preview shows how the CIELCh color 66, 19.706, 79.119 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 66, 19.706, 79.119 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 66, 19.706, 79.119

Background



This preview shows how black text looks on a background with the CIELCh color 66, 19.706, 79.119.



This preview shows how white text looks on a background with the CIELCh color 66, 19.706, 79.119.

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


66, 19.706, 79.119

Protanopia

66, 18.729, 94.160

Deuteranopia

66, 20.535, 66.166



Tritanopia
66, 14.015, 352.617

Trichromacy



Original Color
66, 19.706, 79.119

Protanomaly
66, 18.720, 88.852

Deuteranomaly
66, 19.806, 70.689

Tritanomaly
66, 11.787, 31.140

Monochromacy



Original Color
66, 19.706, 79.119

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 6.835, 82.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 19.706, 79.119 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(180, 157, 126)` looks like.

```
.text, #text, p{  
    color:rgb(180, 157, 126)  
}
```

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(180, 157, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 157, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 19.706, 79.119 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(180, 157, 126) }
```

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

```
.border{ border-color:rgb(180, 157, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 157, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 157, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 157, 126); box-shadow:4px 4px 4px 4px rgb(180, 157, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 19.706, 79.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 157, 126) }
```

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

```
.background{ background-color: rgb(180,  
157, 126) }
```

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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