

Converting Colors

CIELCh(66, 26.467, 52.913)

Have a look what the booklet for
CIELCh(66, 26.467, 52.913) contains.

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Color

CIELCh(66, 26.791, 52.923)

Conversions

Conversions Part 1

Format	Color
Hex	C9957B
RGB	201, 149, 123
RGB Percent	79%, 58%, 48%
CMY	0.2119, 0.4158, 0.5178
CMYK	0.00, 0.26, 0.39, 0.21
HSL	20°, 42%, 64%
HSV	20°, 39%, 79%
XYZ	38.3906, 35.3238, 23.5215
YIQ	161.5840, 39.3380, 2.9380

Conversions

Conversions Part 2

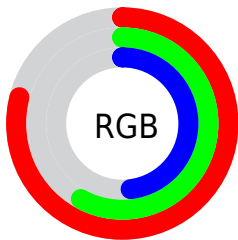
Format	Color
R_{YB}	201, 162, 123
Decimal	13211003
CIE _{Lab}	66.00, 16.15, 21.37
CIE _{LCh}	66, 26.791, 52.923
Yxy	35.3238, 0.3948, 0.3633
Android (android.graphics.Color)	4291401083 (0xFFC9957B)
YUV	161.5840, -19.0219, 34.5678
Hunter-Lab	59.4338, 11.2908, 18.1391

Details

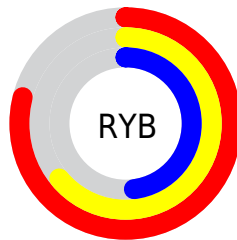
The CIELCh color **66, 26.791, 52.923** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **69, 21.403, 240.623**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 25.214, 54.301**, and **46, 26.745, 52.919** is the 20% darker color. If you saturate the color by 10%, you get **62, 34.959, 52.401**, and if you desaturate by 10%, it is **70, 19.161, 53.543**.

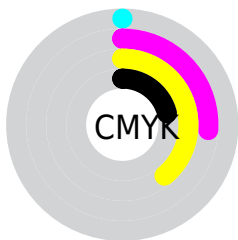
Distribution



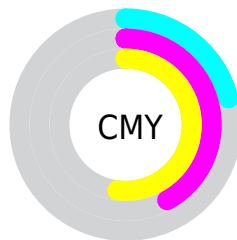
- Red (79%)
- Green (58%)
- Blue (48%)



- Red (79%)
- Yellow (64%)
- Blue (48%)



- Cyan (0%)
- Magenta (26%)
- Yellow (39%)
- Black (21%)



- Cyan (21%)
- Magenta (42%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 26.791, 52.923 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, 26.791, 52.923 by changing the saturation by 10% instead.

 66, 26.791, 52.923

 66, 26.791, 52.923

 100, 26.791,
52.923

 56, 26.791, 52.923

 86, 26.791, 52.923

 46, 26.791, 52.923

 96, 26.791, 52.923

 36, 26.791, 52.923

 26, 26.791, 52.923

 16, 26.791, 52.923

 6, 26.791, 52.923

 0, 26.791, 52.923

 66, 26.791, 52.923

 66, 26.791, 52.923

 62, 34.959, 52.401

 70, 19.161, 53.543

59, 43.634, 51.962

74, 12.059, 54.223

56, 52.685, 51.583

77, 5.449, 54.925

53, 61.786, 51.157

81, 0.716, 236.486

50, 70.209, 50.413

85, 6.481, 236.689

48, 76.966, 49.041

89, 11.895,
237.474

48, 77.763, 48.926

93, 14.954,
223.783

96, 17.808,
198.326

Harmonies

Complementary

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



66, 26.791, 52.923



69, 21.403, 240.623

Rectangle

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



66, 26.791, 52.923



66, 26.791, 102.923



66, 26.791, 232.923



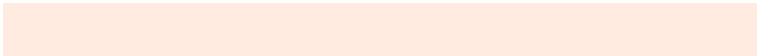
66, 26.791, 282.923

Sweetspot

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



66, 26.790, 52.929



94, 9.112, 54.693



61, 40.505, 338.692



50, 6.073, 54.600



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 26.790, 52.929



78, 40.669, 52.457



76, 34.877, 97.917



40, 3.484, 54.887



39, 66.265, 49.468



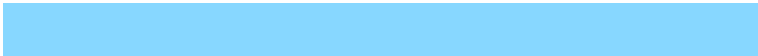
6, 13.396, 40.583

Inverse Universe

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



69, 21.403, 240.623



82, 30.566, 242.455



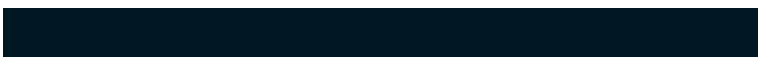
58, 37.016, 288.080



40, 3.328, 236.621



44, 36.905, 261.554



7, 11.668, 250.305

Previews

White Background



This preview shows how the CIELCh color 66, 26.791, 52.923 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, 26.791, 52.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

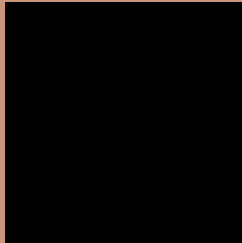
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 26.791, 52.923

Background



This preview shows how black text looks on a background with the CIELCh color 66, 26.791, 52.923.

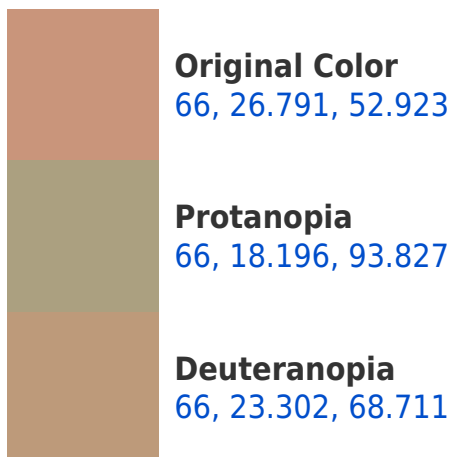



This preview shows how white text looks on a background with the CIELCh color 66, 26.791, 52.923.

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





Tritanopia
66, 24.505, 7.756

Trichromacy



Original Color
66, 26.791, 52.923

Protanomaly
66, 19.936, 75.275

Deuteranomaly
66, 24.351, 62.691

Tritanomaly
66, 23.421, 25.645

Monochromacy



Original Color
66, 26.791, 52.923

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 9.063, 53.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 26.791, 52.923 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(201, 149, 123)` looks like.

```
.text, #text, p{  
    color:rgb(201, 149, 123)  
}
```

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(201, 149, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 149, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 26.791, 52.923 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(201, 149, 123) }
```

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

```
.border{ border-color:rgb(201, 149, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 149, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 149, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 149, 123);  
box-shadow:4px 4px 4px 4px rgb(201, 149,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 26.791, 52.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 149, 123) }
```

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

```
.background{ background-color: rgb(201,  
149, 123) }
```

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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