

Converting Colors

CIELCh(66, 23.686, 108.357)

Have a look what the booklet for
CIELCh(66, 23.686, 108.357)
contains.

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Color

CIELCh(66, 23.532, 108.685)

Conversions

Conversions Part 1

Format	Color
Hex	A2A378
RGB	162, 163, 120
RGB Percent	64%, 64%, 47%
CMY	0.3640, 0.3600, 0.5287
CMYK	0.01, 0.00, 0.26, 0.36
HSL	61°, 19%, 56%
HSV	61°, 26%, 64%
XYZ	31.4714, 35.3238, 22.9863
YIQ	157.7990, 13.2070, -13.5850

Conversions

Conversions Part 2

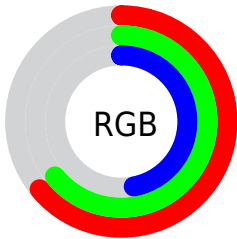
Format	Color
RYB	120, 163, 121
Decimal	10658680
CIELab	66.00, -7.54, 22.29
CIELCh	66, 23.532, 108.685
Yxy	35.3238, 0.3505, 0.3934
Android (android.graphics.Color)	4288848760 (0xFFA2A378)
YUV	157.7990, -18.6349, 3.6843
Hunter-Lab	59.4338, -9.4900, 18.6730

Details

The CIELCh color $66, 23.532, 108.685$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $52, 25.025, 294.038$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 23.391, 109.127$, and $46, 23.328, 108.006$ is the 20% darker color. If you saturate the color by 10%, you get $66, 32.222, 107.787$, and if you desaturate by 10%, it is $66, 14.669, 109.604$.

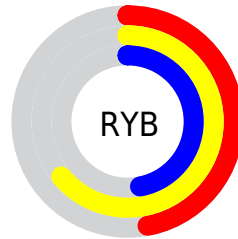
Distribution



Red (64%)

Green (64%)

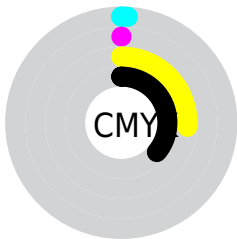
Blue (47%)



Red (47%)

Yellow (64%)

Blue (47%)

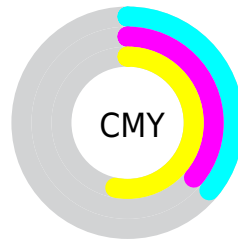


Cyan (1%)

Magenta (0%)

Yellow (26%)

Black (36%)



Cyan (36%)


Magenta (36%)

Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 23.532, 108.685 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, 23.532, 108.685 by changing the saturation by 10% instead.


 66, 23.532,
108.685


 66, 23.532,
108.685


 100, 23.532,
108.685


 56, 23.532,
108.685


 86, 23.532,
108.685

 46, 23.532,
108.685

 96, 23.532,
108.685

 36, 23.532,
108.685

 26, 23.532,
108.685

 16, 23.532,
108.685

 6, 23.532, 108.685

 0, 23.532, 108.685

66, 23.532,
108.685

66, 23.532,
108.685

66, 32.222,
107.787

66, 14.669,
109.604

65, 40.609,
106.920

67, 5.710, 110.513

67, 3.290, 291.435

65, 48.503,
106.118

68, 12.294,
292.299

65, 55.623,
105.416

68, 21.278,
293.141

65, 61.595,
104.858

69, 30.224,
293.947

65, 66.011,
104.486

70, 39.118,
294.714

65, 68.646,
104.322

70, 47.951,
295.441

65, 69.432,

104.282

■ 71, 50.247,
295.717

Harmonies

Complementary

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



66, 23.532, 108.685



52, 25.025, 294.038

Rectangle

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



66, 23.532, 108.685



66, 23.532, 158.685



66, 23.532, 288.685



66, 23.532, 338.685

Sweetspot

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



66, 23.533, 108.689



84, 8.880, 110.352



55, 17.773, 22.685



45, 6.361, 110.221



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



66, 23.533, 108.689



83, 35.159, 108.124



64, 25.334, 128.466



34, 5.081, 110.251



58, 63.780, 104.268



5, 7.949, 111.398

Inverse Universe

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



52, 25.025, 294.038



62, 38.036, 294.931



54, 26.220, 310.864



32, 5.191, 291.997



16, 87.893, 306.379



0, 7.949, 291.009

Previews

White Background



This preview shows how the CIELCh color 66, 23.532, 108.685 looks on a white background.

Color Contrast Check

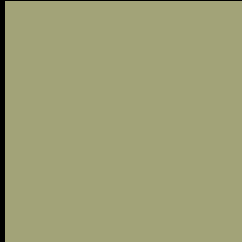
Large Text (above 18pt) WCAG AA × Fail

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, 23.532, 108.685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

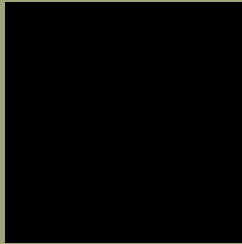
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 23.532, 108.685

Background



This preview shows how black text looks on a background with the CIELCh color 66, 23.532, 108.685.



This preview shows how white text looks on a background with the CIELCh color 66, 23.532, 108.685.

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, 23.532, 108.685

Protanopia
66, 23.087, 95.136

Deuteranopia
66, 23.018, 69.511



Tritanopia
66, 7.878, 322.499

Trichromacy



Original Color
66, 23.532, 108.685

Protanomaly
66, 23.219, 100.456

Deuteranomaly
66, 21.992, 83.074

Tritanomaly
66, 5.185, 77.779

Monochromacy



Original Color
66, 23.532, 108.685

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.835, 109.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 23.532, 108.685 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(162, 163, 120)` looks like.

```
.text, #text, p{  
    color:rgb(162, 163, 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(162, 163, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 163, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 23.532, 108.685 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(162, 163, 120) }
```

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

```
.border{ border-color:rgb(162, 163, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 163, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 163, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 163, 120);  
box-shadow:4px 4px 4px 4px rgb(162, 163,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 23.532, 108.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 163, 120) }
```

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

```
.background{ background-color: rgb(162,  
163, 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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