

Converting Colors

CIELCh(66, 6.600, 20.700)

Have a look what the booklet for
CIELCh(66, 6.600, 20.700) contains.

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Color

CIELCh(66, 6.656, 24.682)

Conversions

Conversions Part 1

Format	Color
Hex	AE9D9C
RGB	174, 157, 156
RGB Percent	68%, 62%, 61%
CMY	0.3192, 0.3858, 0.3897
CMYK	0.00, 0.10, 0.10, 0.32
HSL	3°, 10%, 65%
HSV	3°, 10%, 68%
XYZ	35.3274, 35.3238, 36.2375
YIQ	161.9690, 10.4530, 3.2930

Conversions

Conversions Part 2

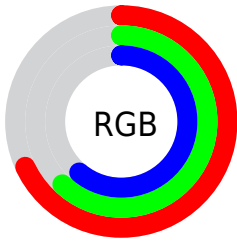
Format	Color
RYB	174, 157, 156
Decimal	11443612
CIELab	66.00, 6.05, 2.78
CIElCh	66, 6.656, 24.682
Yxy	35.3238, 0.3305, 0.3305
Android (android.graphics.Color)	4289633692 (0xFFAE9D9C)
YUV	161.9690, -2.9427, 10.5512
Hunter-Lab	59.4338, 2.0908, 5.4538

Details

The CIELCh color **66, 6.656, 24.682** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 6.230, 204.041**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 6.706, 28.741**, and **46, 6.772, 25.157** is the 20% darker color. If you saturate the color by 10%, you get **61, 13.612, 25.331**, and if you desaturate by 10%, it is **71, 0.225, 22.105**.

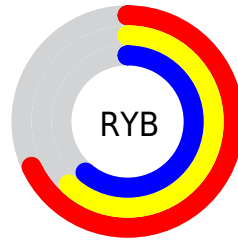
Distribution



Red (68%)

Green (62%)

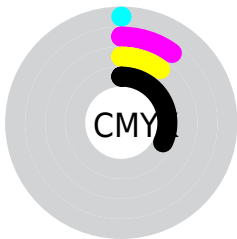
Blue (61%)



Red (68%)

Yellow (62%)

Blue (61%)

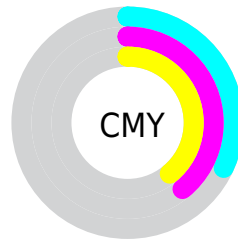


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (32%)



Cyan (32%)

Magenta (39%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 6.656, 24.682 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, 6.656, 24.682 by changing the saturation by 10% instead.

 66, 6.656, 24.682  66, 6.656, 24.682

 100, 6.656, 24.682  56, 6.656, 24.682

 86, 6.656, 24.682  46, 6.656, 24.682

 96, 6.656, 24.682  36, 6.656, 24.682

 26, 6.656, 24.682

 16, 6.656, 24.682

 6, 6.656, 24.682

 0, 6.656, 24.682

 66, 6.656, 24.682  66, 6.656, 24.682

 61, 13.612, 25.331  71, 0.225, 22.105

57, 21.116, 26.147

76, 5.718, 204.103

52, 29.154, 27.229

80, 11.219,
203.829

48, 37.661, 28.658

85, 16.327,
203.653

45, 46.503, 30.513

42, 55.452, 32.839

90, 21.090,
203.534

39, 64.136, 35.557

95, 25.763,
197.855

37, 71.820, 38.261

36, 77.542, 40.592

95, 25.771,
197.828

Harmonies

Complementary

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



66, 6.656, 24.682



69, 6.230, 204.041

Rectangle

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



66, 6.656, 24.682



66, 6.656, 74.682



66, 6.656, 204.682



66, 6.656, 254.682

Sweetspot

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



66, 6.655, 24.697



88, 2.327, 24.177



66, 11.679, 326.360



47, 1.784, 24.265



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 6.655, 24.697



83, 9.654, 24.806



68, 6.265, 79.302



34, 3.617, 24.635



31, 69.225, 40.297



2, 7.458, 23.368

Inverse Universe

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



69, 6.230, 204.041



88, 8.926, 203.973



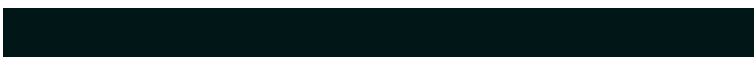
67, 6.163, 262.051



36, 3.410, 204.084



54, 31.454, 205.551



6, 7.216, 206.739

Previews

White Background



This preview shows how the CIELCh color 66, 6.656, 24.682 looks on a white background.

Color Contrast Check

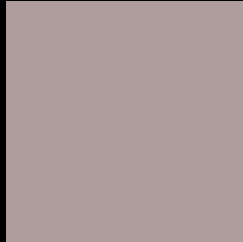
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 6.656, 24.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

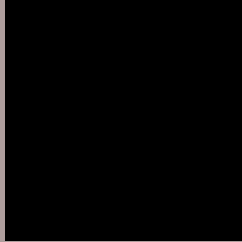
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 6.656, 24.682

Background



This preview shows how black text looks on a background with the CIELCh color 66, 6.656, 24.682.



This preview shows how white text looks on a background with the CIELCh color 66, 6.656, 24.682.

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, 6.656, 24.682

Protanopia

66, 2.248, 66.695

Deuteranopia

66, 9.024, 16.711



Tritanopia
66, 10.137, 339.458

Trichromacy



Original Color
66, 6.656, 24.682

Protanomaly
66, 3.502, 47.715

Deuteranomaly
66, 7.819, 20.072

Tritanomaly
66, 7.942, 350.991

Monochromacy



Original Color
66, 6.656, 24.682

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 2.301, 19.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 6.656, 24.682 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(174, 157, 156)` looks like.

```
.text, #text, p{  
    color:rgb(174, 157, 156)  
}
```

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(174, 157, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 157, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 6.656, 24.682 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(174, 157, 156) }
```

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

```
.border{ border-color:rgb(174, 157, 156) }
```

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

Here you see how a box with a 4 pixel rgb(174, 157, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 157, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 157, 156);  
box-shadow:4px 4px 4px 4px rgb(174, 157,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 6.656, 24.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 157, 156) }
```

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

```
.background{ background-color: rgb(174,  
157, 156) }
```

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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