

Converting Colors

CIELCh(66, 4.432, 160.424)

Have a look what the booklet for
CIELCh(66, 4.432, 160.424) contains.

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Color

CIELCh(66, 4.422, 160.426)

Conversions

Conversions Part 1

Format	Color
Hex	9AA39E
RGB	154, 163, 158
RGB Percent	60%, 64%, 62%
CMY	0.3977, 0.3625, 0.3821
CMYK	0.06, 0.00, 0.03, 0.36
HSL	147°, 5%, 62%
HSV	147°, 6%, 64%
XYZ	32.4008, 35.3238, 37.2652
YIQ	159.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

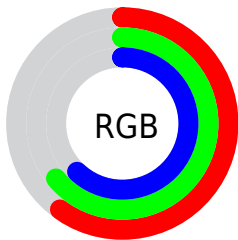
Format	Color
RYB	154, 160, 163
Decimal	10134430
CIELab	66.00, -4.17, 1.48
CIELCh	66, 4.422, 160.426
Yxy	35.3238, 0.3086, 0.3364
Android (android.graphics.Color)	4288324510 (0xFF9AA39E)
YUV	159.7390, -0.8573, -5.0331
Hunter-Lab	59.4338, -6.6985, 4.4287

Details

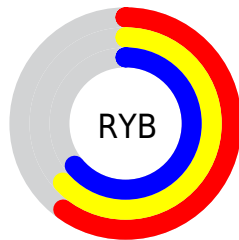
The CIELCh color $66, 4.422, 160.426$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 4.457, 341.118$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 4.470, 163.372$, and $46, 4.050, 163.153$ is the 20% darker color. If you saturate the color by 10%, you get $65, 12.446, 159.540$, and if you desaturate by 10%, it is $68, 3.562, 341.000$.

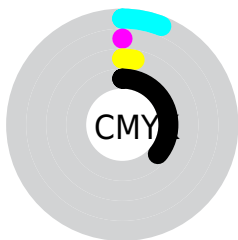
Distribution



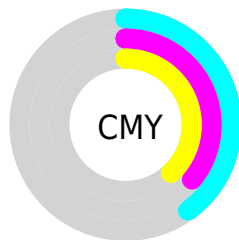
- Red (60%)
- Green (64%)
- Blue (62%)



- Red (60%)
- Yellow (63%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (36%)



- Cyan (40%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 4.422, 160.426 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, 4.422, 160.426 by changing the saturation by 10% instead.

■ 66, 4.422, 160.426

■ 66, 4.422, 160.426

■ 100, 4.422,
160.426

■ 56, 4.422, 160.426

■ 86, 4.422, 160.426

■ 46, 4.422, 160.426

■ 96, 4.422, 160.426

■ 36, 4.422, 160.426

■ 26, 4.422, 160.426

■ 16, 4.422, 160.426

■ 6, 4.422, 160.426

■ 0, 4.422, 160.426

■ 66, 4.422, 160.426

■ 66, 4.422, 160.426

■ 65, 12.446,

■ 68, 3.562, 341.000

159.540

69, 11.441,
341.742

63, 20.419,
158.598

71, 19.167,
342.373

62, 28.232,
157.543

73, 26.704,
342.947

61, 35.762,
156.349

75, 34.032,
343.476

60, 42.874,
154.994

77, 41.141,
343.968

60, 49.438,
153.454

78, 44.872,
340.247

59, 55.346,
151.715

78, 47.890,
335.800

59, 60.530,
149.775

78, 51.188,
331.963

59, 64.990,
147.664

Harmonies

Complementary

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



66, 4.422, 160.426



64, 4.457, 341.118

Rectangle

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



66, 4.422, 160.426



66, 4.422, 210.426



66, 4.422, 340.426



66, 4.422, 30.426

Sweetspot

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



66, 4.424, 160.420



84, 1.974, 160.819



66, 5.199, 126.469



45, 1.131, 160.841



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, 4.424, 160.420



83, 6.940, 160.276



66, 3.400, 193.628



34, 3.631, 160.251



53, 61.282, 146.985



4, 7.285, 158.754

Inverse Universe

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



64, 4.457, 341.118



81, 6.997, 341.260



64, 3.504, 14.153



33, 3.662, 341.285



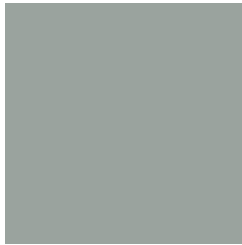
31, 56.672, 356.067



1, 6.815, 343.467

Previews

White Background



This preview shows how the CIELCh color 66, 4.422, 160.426 looks on a white background.

Color Contrast Check

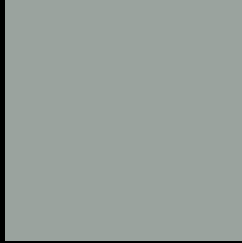
Large Text (above 18pt) WCAG AA × Fail

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, 4.422, 160.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

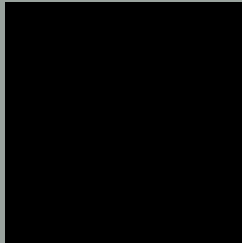
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

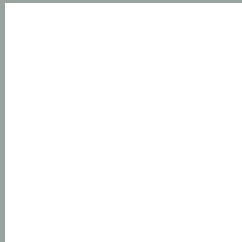
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 4.422, 160.426

Background



This preview shows how black text looks on a background with the CIELCh color 66, 4.422, 160.426.



This preview shows how white text looks on a background with the CIELCh color 66, 4.422, 160.426.

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

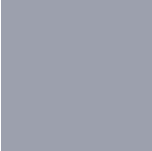
66, 4.422, 160.426

Protanopia

66, 2.680, 74.723

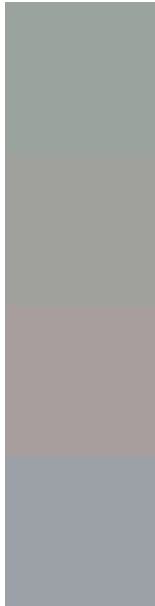
Deuteranopia

66, 8.452, 5.042



Tritanopia
66, 7.328, 279.412

Trichromacy



Original Color

66, 4.422, 160.426

Protanomaly

66, 2.241, 119.772

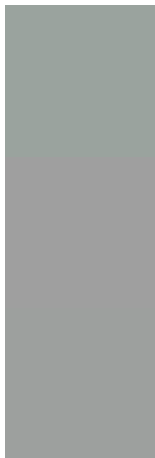
Deuteranomaly

66, 3.861, 19.639

Tritanomaly

66, 3.970, 256.399

Monochromacy



Original Color

66, 4.422, 160.426

Achromatopsia

65, 0.008, 296.813

Achromatomaly

66, 1.597, 155.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 4.422, 160.426 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(154, 163, 158)` looks like.

```
.text, #text, p{  
    color:rgb(154, 163, 158)  
}
```

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(154, 163, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 163, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 4.422, 160.426 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(154, 163, 158) }
```

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

```
.border{ border-color:rgb(154, 163, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 163, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 163, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 163, 158);  
box-shadow:4px 4px 4px 4px rgb(154, 163,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 4.422, 160.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 163, 158) }
```

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

```
.background{ background-color: rgb(154,  
163, 158) }
```

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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