

Converting Colors

CIELCh(66, 4.415, 260.001)

Have a look what the booklet for
CIELCh(66, 4.415, 260.001) contains.

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Color

CIELCh(66, 4.436, 260.528)

Conversions

Conversions Part 1

Format	Color
Hex	9BA1A8
RGB	155, 161, 168
RGB Percent	61%, 63%, 66%
CMY	0.3918, 0.3683, 0.3409
CMYK	0.08, 0.04, 0.00, 0.34
HSL	212°, 7%, 63%
HSV	212°, 8%, 66%
XYZ	33.3666, 35.3238, 42.1443
YIQ	160.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

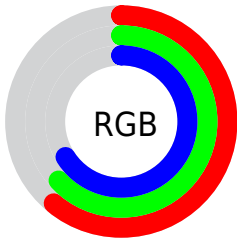
Format	Color
RYB	155, 159, 168
Decimal	10199464
CIELab	66.00, -0.73, -4.38
CIElCh	66, 4.436, 260.528
Yxy	35.3238, 0.3010, 0.3187
Android (android.graphics.Color)	4288389544 (0xFF9BA1A8)
YUV	160.0040, 3.9420, -4.3885
Hunter-Lab	59.4338, -3.7979, -0.4386

Details

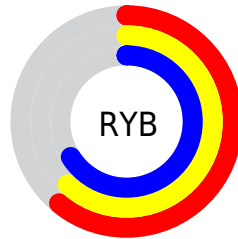
The CIELCh color $66, 4.436, 260.528$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 4.489, 78.434$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 4.391, 256.305$, and $46, 4.235, 256.760$ is the 20% darker color. If you saturate the color by 10%, you get $62, 10.147, 261.955$, and if you desaturate by 10%, it is $70, 1.290, 78.945$.

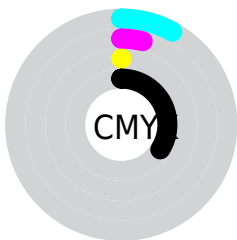
Distribution



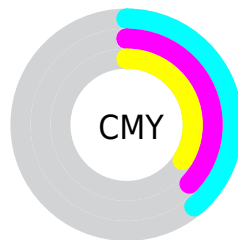
- Red (61%)
- Green (63%)
- Blue (66%)



- Red (61%)
- Yellow (62%)
- Blue (66%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (34%)



- Cyan (39%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 4.436, 260.528 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, 4.436, 260.528 by changing the saturation by 10% instead.

■ 66, 4.436, 260.528

■ 66, 4.436, 260.528

■ 100, 4.436,
260.528

■ 56, 4.436, 260.528

■ 86, 4.436, 260.528

■ 46, 4.436, 260.528

■ 96, 4.436, 260.528

■ 36, 4.436, 260.528

■ 26, 4.436, 260.528

■ 16, 4.436, 260.528

■ 6, 4.436, 260.528

■ 0, 4.436, 260.528

■ 66, 4.436, 260.528

■ 66, 4.436, 260.528

■ 62, 10.147,

■ 70, 1.290, 78.945

261.955

73, 7.014, 78.045

59, 15.831,
263.693

77, 12.721, 77.124

55, 21.472,
265.752

81, 18.399, 76.314

51, 27.065,
268.182

85, 24.038, 75.600

48, 32.617,
271.031

88, 29.417, 75.570

44, 38.154,
274.328

91, 31.590, 85.116

41, 43.726,
278.061

93, 34.521, 93.160

38, 49.396,
282.151

35, 55.230,
286.382

95, 38.014, 99.754

Harmonies

Complementary

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



66, 4.436, 260.528



67, 4.489, 78.434

Rectangle

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



66, 4.436, 260.528



66, 4.436, 310.528



66, 4.436, 80.528



66, 4.436, 130.528

Sweetspot

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



66, 4.435, 260.508



87, 1.430, 259.948



68, 5.964, 164.901



46, 0.812, 259.949



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 4.435, 260.508



83, 6.405, 260.696



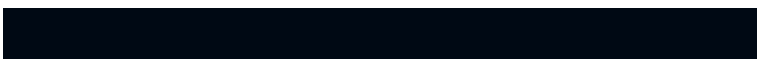
64, 7.252, 292.224



34, 3.247, 260.712



30, 50.956, 286.785



2, 6.293, 265.661

Inverse Universe

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



65, 6.018, 346.357



82, 8.711, 346.493



69, 7.119, 110.795



33, 4.417, 346.504



31, 56.278, 4.774



2, 7.635, 349.572

Previews

White Background



This preview shows how the CIE LCh color 66, 4.436, 260.528 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, 4.436, 260.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

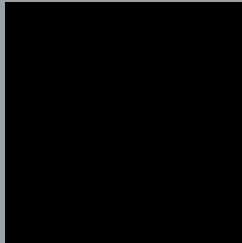
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

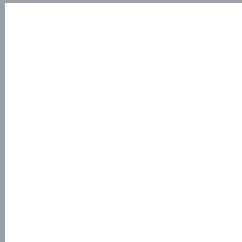
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 4.436, 260.528

Background



This preview shows how black text looks on a background with the CIELCh color 66, 4.436, 260.528.



This preview shows how white text looks on a background with the CIELCh color 66, 4.436, 260.528.

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

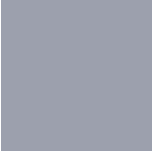
66, 4.436, 260.528

Protanopia

66, 4.515, 300.199

Deuteranopia

66, 9.446, 330.630



Tritanopia
66, 7.328, 279.412

Trichromacy



Original Color
66, 4.436, 260.528

Protanomaly
66, 3.896, 285.098

Deuteranomaly
66, 6.835, 316.835

Tritanomaly
66, 6.249, 277.200

Monochromacy



Original Color
66, 4.436, 260.528

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 1.820, 265.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 4.436, 260.528 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(155, 161, 168)` looks like.

```
.text, #text, p{  
    color:rgb(155, 161, 168)  
}
```

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(155, 161, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 161, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 4.436, 260.528 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(155, 161, 168) }
```

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

```
.border{ border-color:rgb(155, 161, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 161, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 161, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 161, 168);  
box-shadow:4px 4px 4px 4px rgb(155, 161,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 4.436, 260.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 161, 168) }
```

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

```
.background{ background-color: rgb(155,  
161, 168) }
```

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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