

Converting Colors

CIELCh(66, 2.943, 349.631)

Have a look what the booklet for
CIELCh(66, 2.943, 349.631) contains.

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Color

CIELCh(66, 2.560, 353.860)

Conversions

Conversions Part 1

Format	Color
Hex	A59FA1
RGB	165, 159, 161
RGB Percent	65%, 62%, 63%
CMY	0.3533, 0.3768, 0.3690
CMYK	0.00, 0.04, 0.02, 0.35
HSL	340°, 3%, 63%
HSV	340°, 4%, 65%
XYZ	34.3048, 35.3238, 38.6855
YIQ	161.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

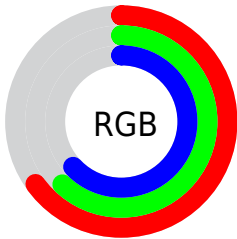
Format	Color
RYB	165, 159, 161
Decimal	10854305
CIELab	66.00, 2.55, -0.27
CIElCh	66, 2.560, 353.860
Yxy	35.3238, 0.3167, 0.3261
Android (android.graphics.Color)	4289044385 (0xFFA59FA1)
YUV	161.0220, -0.0108, 3.4887
Hunter-Lab	59.4338, -0.9802, 3.0118

Details

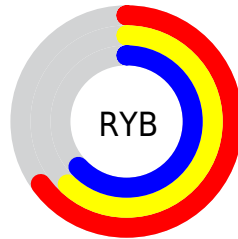
The CIELCh color $66, 2.560, 353.860$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 2.528, 173.550$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 2.424, 353.734$, and $46, 2.380, 349.664$ is the 20% darker color. If you saturate the color by 10%, you get $61, 9.767, 354.967$, and if you desaturate by 10%, it is $71, 4.373, 173.274$.

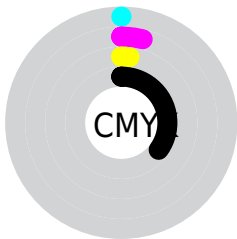
Distribution



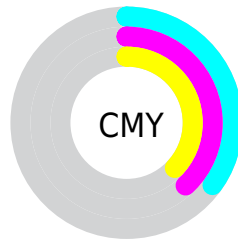
- Red (65%)
- Green (62%)
- Blue (63%)



- Red (65%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (35%)



- Cyan (35%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 2.560, 353.860 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, 2.560, 353.860 by changing the saturation by 10% instead.

■ 66, 2.560, 353.860

■ 66, 2.560, 353.860

■ 100, 2.560,
353.860

■ 56, 2.560, 353.860

■ 86, 2.560, 353.860

■ 46, 2.560, 353.860

■ 96, 2.560, 353.860

■ 36, 2.560, 353.860

■ 26, 2.560, 353.860

■ 16, 2.560, 353.860

■ 6, 2.560, 353.860

■ 0, 2.560, 353.860

■ 66, 2.560, 353.860

■ 66, 2.560, 353.860

■ 61, 9.767, 354.967

■ 71, 4.373, 173.274

57, 17.208,
356.096

75, 11.010,
172.451

52, 24.787,
357.401

80, 17.357,
171.746

48, 32.349,
358.949

85, 23.427,
171.110

45, 39.658, 0.828

90, 29.240,
170.530

41, 46.401, 3.159

94, 33.328,
171.523

39, 52.236, 6.092

36, 56.888, 9.797

94, 30.620,
180.696

35, 60.306, 14.398

94, 28.735,
191.307

95, 28.113,
197.685

Harmonies

Complementary

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



66, 2.560, 353.860



67, 2.528, 173.550

Rectangle

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



66, 2.560, 353.860



66, 2.560, 43.860



66, 2.560, 173.860



66, 2.560, 223.860

Sweetspot

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



66, 2.558, 353.881



85, 0.870, 353.240



66, 3.674, 314.775



45, 0.494, 353.200



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, 2.558, 353.881



83, 3.484, 353.938



66, 1.990, 35.427



33, 1.976, 354.006



30, 56.598, 16.896



1, 5.996, 355.841

Inverse Universe

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



66, 2.558, 353.881



83, 3.484, 353.938



67, 1.948, 215.961



33, 1.976, 354.006



30, 56.598, 16.896



1, 5.996, 355.841

Previews

White Background



This preview shows how the CIELCh color 66, 2.560, 353.860 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, 2.560, 353.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

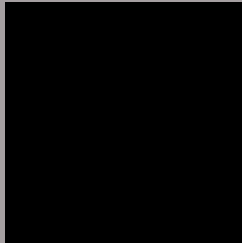
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

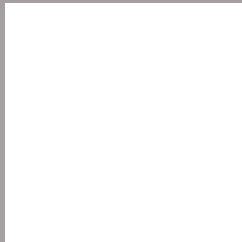
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 2.560, 353.860

Background



This preview shows how black text looks on a background with the CIELCh color 66, 2.560, 353.860.

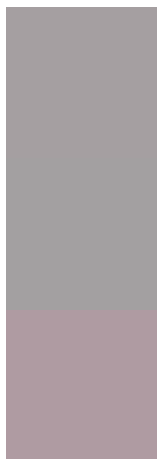


This preview shows how white text looks on a background with the CIELCh color 66, 2.560, 353.860.

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, 2.560, 353.860

Protanopia

66, 1.281, 353.543

Deuteranopia

66, 8.637, 353.609



Tritanopia
66, 7.335, 314.935

Trichromacy



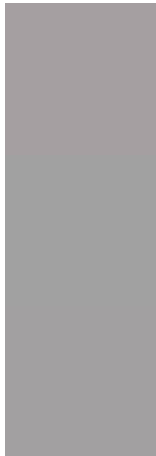
Original Color
66, 2.560, 353.860

Protanomaly
66, 1.633, 359.476

Deuteranomaly
66, 6.667, 350.137

Tritanomaly
66, 5.865, 321.619

Monochromacy



Original Color
66, 2.560, 353.860

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 0.952, 343.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 2.560, 353.860 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(165, 159, 161)` looks like.

```
.text, #text, p{  
    color:rgb(165, 159, 161)  
}
```

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(165, 159, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 159, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 2.560, 353.860 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(165, 159, 161) }
```

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

```
.border{ border-color:rgb(165, 159, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 159, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 159, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 159, 161);  
box-shadow:4px 4px 4px 4px rgb(165, 159,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 2.560, 353.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 159, 161) }
```

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

```
.background{ background-color: rgb(165,  
159, 161) }
```

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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