

Converting Colors

CIELCh(66, 3.478, 356.268)

Have a look what the booklet for
CIELCh(66, 3.478, 356.268) contains.

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Color

CIELCh(66, 3.843, 354.073)

Conversions

Conversions Part 1

Format	Color
Hex	A79EA1
RGB	167, 158, 161
RGB Percent	65%, 62%, 63%
CMY	0.3444, 0.3797, 0.3680
CMYK	0.00, 0.05, 0.04, 0.34
HSL	340°, 5%, 64%
HSV	340°, 5%, 66%
XYZ	34.6753, 35.3238, 38.7864
YIQ	161.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

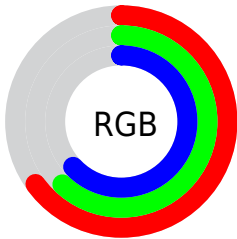
Format	Color
RYB	167, 158, 161
Decimal	10985121
CIELab	66.00, 3.82, -0.40
CIELCh	66, 3.843, 354.073
Yxy	35.3238, 0.3187, 0.3247
Android (android.graphics.Color)	4289175201 (0xFFA79EA1)
YUV	161.0330, -0.0163, 5.2331
Hunter-Lab	59.4338, 0.1326, 2.9111

Details

The CIELCh color $66, 3.843, 354.073$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 3.784, 173.335$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 3.636, 353.925$, and $46, 3.752, 351.498$ is the 20% darker color. If you saturate the color by 10%, you get $61, 11.177, 355.150$, and if you desaturate by 10%, it is $71, 3.218, 173.444$.

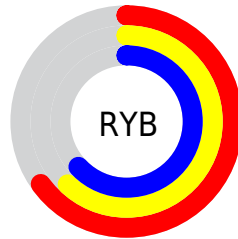
Distribution



Red (65%)

Green (62%)

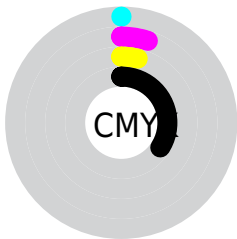
Blue (63%)



Red (65%)

Yellow (62%)

Blue (63%)

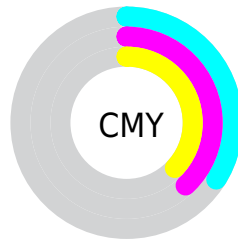


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 3.843, 354.073 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, 3.843, 354.073 by changing the saturation by 10% instead.

■ 66, 3.843, 354.073

■ 66, 3.843, 354.073

■ 100, 3.843,
354.073

■ 56, 3.843, 354.073

■ 86, 3.843, 354.073

■ 46, 3.843, 354.073

■ 96, 3.843, 354.073

■ 36, 3.843, 354.073

■ 26, 3.843, 354.073

■ 16, 3.843, 354.073

■ 6, 3.843, 354.073

■ 0, 3.843, 354.073

■ 66, 3.843, 354.073

■ 66, 3.843, 354.073

■ 61, 11.177,

■ 71, 3.218, 173.444

355.150

76, 9.982, 172.576

57, 18.734,
356.307

80, 16.450,
171.855

52, 26.409,
357.651

85, 22.635,
171.208

48, 34.030,
359.252

90, 28.556,
170.619

45, 41.342, 1.205

94, 32.426,
171.983

41, 48.019, 3.634

94, 29.746,
181.603

39, 53.717, 6.699

37, 58.187, 10.565

95, 27.952,
192.736

35, 61.448, 15.326

95, 27.513,
197.721

Harmonies

Complementary

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



66, 3.843, 354.073



68, 3.784, 173.335

Rectangle

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



66, 3.843, 354.073



66, 3.843, 44.073



66, 3.843, 174.073



66, 3.843, 224.073

Sweetspot

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



66, 3.841, 354.087



85, 1.755, 353.606



66, 5.508, 314.860



46, 1.006, 353.579



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, 3.841, 354.087



83, 5.296, 354.167



66, 3.000, 35.499



34, 2.848, 354.210



31, 57.339, 16.981



2, 7.155, 356.885

Inverse Universe

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



66, 3.841, 354.087



83, 5.296, 354.167



67, 2.904, 215.904



34, 2.848, 354.210



31, 57.339, 16.981



2, 7.155, 356.885

Previews

White Background



This preview shows how the CIELCh color 66, 3.843, 354.073 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, 3.843, 354.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

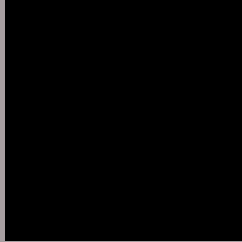
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

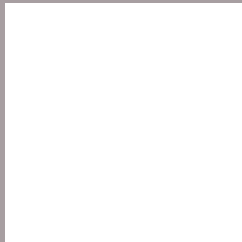
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 3.843, 354.073

Background



This preview shows how black text looks on a background with the CIELCh color 66, 3.843, 354.073.



This preview shows how white text looks on a background with the CIELCh color 66, 3.843, 354.073.

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, 3.843, 354.073

Protanopia

66, 1.605, 335.604

Deuteranopia

66, 8.637, 353.609



Tritanopia
66, 7.878, 322.499

Trichromacy



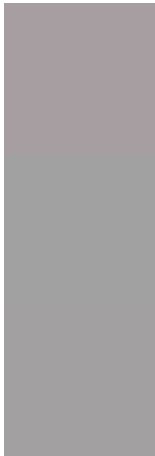
Original Color
66, 3.843, 354.073

Protanomaly
66, 2.846, 343.818

Deuteranomaly
66, 7.005, 351.765

Tritanomaly
66, 6.537, 330.253

Monochromacy



Original Color
66, 3.843, 354.073

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 1.281, 353.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 3.843, 354.073 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(167, 158, 161)` looks like.

```
.text, #text, p{  
    color:rgb(167, 158, 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(167, 158, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 158, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 3.843, 354.073 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(167, 158, 161) }
```

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

```
.border{ border-color:rgb(167, 158, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 158, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 158, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 158, 161);  
box-shadow:4px 4px 4px 4px rgb(167, 158,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 3.843, 354.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 158, 161) }
```

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

```
.background{ background-color: rgb(167,  
158, 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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