

Converting Colors

CIELCh(65, 5.583, 343.241)

Have a look what the booklet for
CIELCh(65, 5.583, 343.241) contains.

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Color

CIELCh(65, 5.394, 341.732)

Conversions

Conversions Part 1	
Format	Color
Hex	A69BA1
RGB	166, 155, 161
RGB Percent	65%, 61%, 63%
CMY	0.3496, 0.3928, 0.3692
CMYK	0.00, 0.07, 0.03, 0.35
HSL	327°, 6%, 63%
HSV	327°, 7%, 65%
XYZ	33.8061, 34.0472, 38.4344
YIQ	158.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

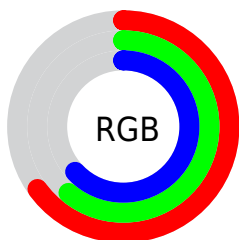
Format	Color
RYB	166, 155, 161
Decimal	10918817
CIELab	65.00, 5.12, -1.69
CIELCh	65, 5.394, 341.732
Yxy	34.0472, 0.3181, 0.3203
Android (android.graphics.Color)	4289108897 (0xFFA69BA1)
YUV	158.9730, 0.9993, 6.1627
Hunter-Lab	58.3500, 1.3048, 1.7913

Details

The CIELCh color $65, 5.394, 341.732$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 5.347, 160.833$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 5.723, 339.761$, and $45, 5.464, 339.214$ is the 20% darker color. If you saturate the color by 10%, you get $60, 13.661, 342.610$, and if you desaturate by 10%, it is $70, 2.696, 161.164$.

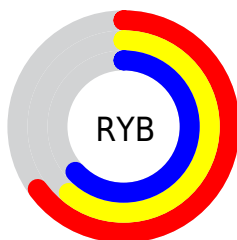
Distribution



Red (65%)

Green (61%)

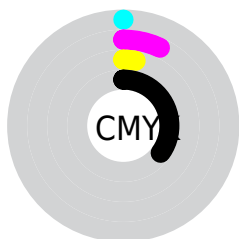
Blue (63%)



Red (65%)

Yellow (61%)

Blue (63%)

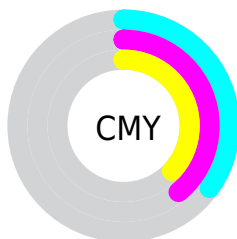


Cyan (0%)

Magenta (7%)

Yellow (3%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 5.394, 341.732 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 65, 5.394, 341.732 by changing the saturation by 10% instead.

 65, 5.394, 341.732

 65, 5.394, 341.732

 100, 5.394,
341.732

 55, 5.394, 341.732

 85, 5.394, 341.732

 45, 5.394, 341.732

 95, 5.394, 341.732

 35, 5.394, 341.732

 25, 5.394, 341.732

 15, 5.394, 341.732

 5, 5.394, 341.732

 0, 5.394, 341.732

 65, 5.394, 341.732

 65, 5.394, 341.732

 60, 13.661,

 70, 2.696, 161.164

342.610

74, 10.552,
160.368

56, 22.017,
343.540

79, 18.155,
159.705

52, 30.307,
344.574

84, 25.499,
159.096

48, 38.302,
345.749

89, 32.590,
158.532

44, 45.682,
347.115

93, 39.442,
158.006

41, 52.057,
348.745

94, 37.191,
162.175

39, 57.013,
350.741

94, 34.768,
167.125

37, 60.235,
353.231

94, 32.597,
172.746

36, 61.726,
356.329

Harmonies

Complementary

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



65, 5.394, 341.732



67, 5.347, 160.833

Rectangle

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



65, 5.394, 341.732



65, 5.394, 31.732



65, 5.394, 161.732



65, 5.394, 211.732

Sweetspot

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



65, 5.392, 341.738



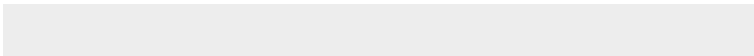
85, 2.016, 341.237



65, 6.427, 307.592



46, 1.155, 341.216



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 5.392, 341.738



82, 8.104, 341.871



65, 4.274, 15.616



33, 4.671, 341.971



32, 57.189, 357.043



2, 8.015, 345.252

Inverse Universe

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



65, 5.392, 341.738



82, 8.104, 341.871



67, 4.118, 194.929



33, 4.671, 341.971



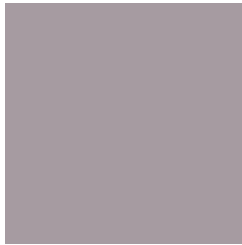
32, 57.189, 357.043



2, 8.015, 345.252

Previews

White Background



This preview shows how the CIELCh color 65, 5.394, 341.732 looks on a white background.

Color Contrast Check

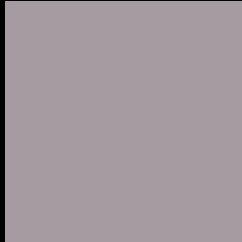
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 65, 5.394, 341.732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

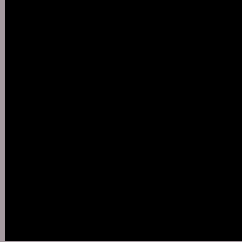
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

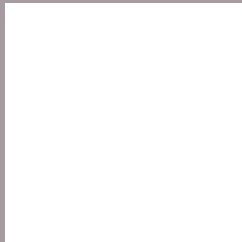
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 5.394, 341.732

Background



This preview shows how black text looks on a background with the CIELCh color 65, 5.394, 341.732.



This preview shows how white text looks on a background with the CIELCh color 65, 5.394, 341.732.

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

65, 5.394, 341.732

Protanopia

65, 2.896, 305.624

Deuteranopia

65, 8.245, 347.627



Tritanopia
65, 8.331, 326.989

Trichromacy



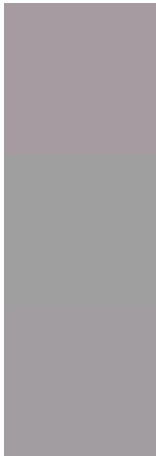
Original Color
65, 5.394, 341.732

Protanomaly
65, 3.863, 319.915

Deuteranomaly
65, 6.970, 346.184

Tritanomaly
65, 7.475, 332.077

Monochromacy



Original Color
65, 5.394, 341.732

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.278, 332.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 5.394, 341.732 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(166, 155, 161)` looks like.

```
.text, #text, p{  
    color:rgb(166, 155, 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(166, 155, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 155, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 5.394, 341.732 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(166, 155, 161) }
```

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

```
.border{ border-color:rgb(166, 155, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 155, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 155, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 155, 161);  
box-shadow:4px 4px 4px 4px rgb(166, 155,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 5.394, 341.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 155, 161) }
```

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

```
.background{ background-color: rgb(166,  
155, 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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