

Converting Colors

CIELCh(65, 7.848, 341.733)

Have a look what the booklet for
CIELCh(65, 7.848, 341.733) contains.

CIELCh(65, 7.937, 341.120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 7.937, 341.120)

Conversions

Conversions Part 1

Format	Color
Hex	A999A2
RGB	169, 153, 162
RGB Percent	66%, 60%, 64%
CMY	0.3354, 0.3982, 0.3629
CMYK	0.00, 0.09, 0.04, 0.34
HSL	326°, 9%, 63%
HSV	326°, 9%, 66%
XYZ	34.4943, 34.0472, 39.1547
YIQ	158.8100, 6.6470, 6.1910

Conversions

Conversions Part 2

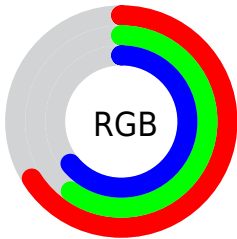
Format	Color
RYB	169, 153, 162
Decimal	11114914
CIELab	65.00, 7.51, -2.57
CIElCh	65, 7.937, 341.120
Yxy	34.0472, 0.3203, 0.3161
Android (android.graphics.Color)	4289304994 (0xFFA999A2)
YUV	158.8100, 1.5727, 8.9366
Hunter-Lab	58.3500, 3.4101, 1.0595

Details

The CIELCh color $65, 7.937, 341.120$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 7.859, 159.742$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.133, 339.714$, and $45, 7.821, 342.864$ is the 20% darker color. If you saturate the color by 10%, you get $60, 16.481, 341.987$, and if you desaturate by 10%, it is $70, 0.454, 161.144$.

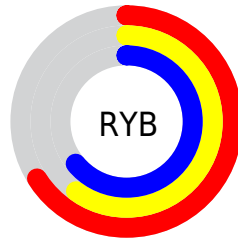
Distribution



Red (66%)

Green (60%)

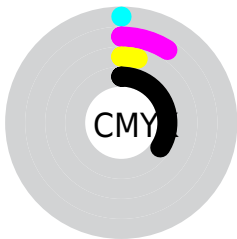
Blue (64%)



Red (66%)

Yellow (60%)

Blue (64%)

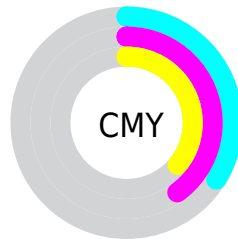


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (34%)



Cyan (34%)

Magenta (40%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 7.937, 341.120 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, 7.937, 341.120 by changing the saturation by 10% instead.

■ 65, 7.937, 341.120

■ 65, 7.937, 341.120

■ 100, 7.937,
341.120

■ 55, 7.937, 341.120

■ 85, 7.937, 341.120

■ 45, 7.937, 341.120

■ 95, 7.937, 341.120

■ 35, 7.937, 341.120

■ 25, 7.937, 341.120

■ 15, 7.937, 341.120

■ 5, 7.937, 341.120

■ 0, 7.937, 341.120

■ 65, 7.937, 341.120

■ 65, 7.937, 341.120

■ 60, 16.481,

■ 70, 0.454, 161.144

341.987

74, 8.622, 159.727

56, 25.071,
342.921

79, 16.537,
159.052

52, 33.524,
343.963

84, 24.189,
158.435

48, 41.576,
345.147

89, 31.581,
157.863

45, 48.876,
346.527

94, 38.637,
157.372

42, 55.004,
348.178

94, 36.046,
161.757

39, 59.551,
350.203

94, 33.654,
166.761

38, 62.245,
352.733

94, 31.511,
172.457

37, 63.400,
355.791

Harmonies

Complementary

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



65, 7.937, 341.120



68, 7.859, 159.742

Rectangle

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



65, 7.937, 341.120



65, 7.937, 31.120



65, 7.937, 161.120



65, 7.937, 211.120

Sweetspot

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



65, 7.935, 341.124



86, 3.090, 340.534



64, 9.328, 307.146



45, 2.340, 340.622



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, 7.935, 341.124



81, 11.418, 341.272



65, 6.269, 14.526



33, 4.727, 341.110



32, 57.518, 355.534



2, 8.102, 344.379

Inverse Universe

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



65, 7.935, 341.124



81, 11.418, 341.272



68, 5.955, 193.300



33, 4.727, 341.110



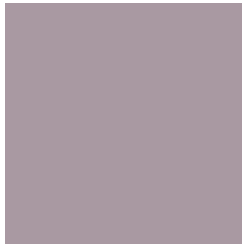
32, 57.518, 355.534



2, 8.102, 344.379

Previews

White Background



This preview shows how the CIELCh color 65, 7.937, 341.120 looks on a white background.

Color Contrast Check

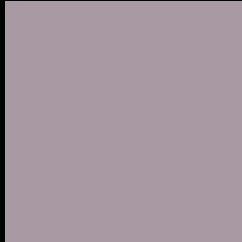
Large Text (above 18pt) WCAG AA × Fail

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 65, 7.937, 341.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

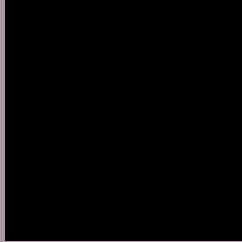
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 7.937, 341.120

Background



This preview shows how black text looks on a background with the CIELCh color 65, 7.937, 341.120.



This preview shows how white text looks on a background with the CIELCh color 65, 7.937, 341.120.

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, 7.937, 341.120

Protanopia

65, 4.525, 300.203

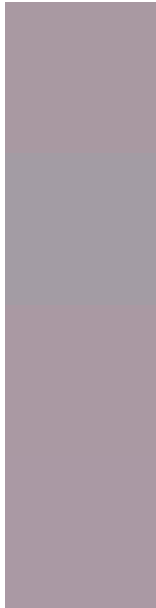
Deuteranopia

65, 8.876, 341.560



Tritanopia
65, 9.327, 334.686

Trichromacy



Original Color
65, 7.937, 341.120

Protanomaly
65, 5.207, 321.193

Deuteranomaly
65, 8.581, 339.902

Tritanomaly
65, 8.944, 337.183

Monochromacy



Original Color
65, 7.937, 341.120

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.852, 343.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 7.937, 341.120 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(169, 153, 162)` looks like.

```
.text, #text, p{  
    color:rgb(169, 153, 162)  
}
```

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(169, 153, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 153, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 7.937, 341.120 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(169, 153, 162) }
```

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

```
.border{ border-color:rgb(169, 153, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 153, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 153, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 153, 162);  
box-shadow:4px 4px 4px 4px rgb(169, 153,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 7.937, 341.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 153, 162) }
```

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

```
.background{ background-color: rgb(169,  
153, 162) }
```

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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