

Converting Colors

CIELCh(62, 6.170, 346.415)

Have a look what the booklet for
CIELCh(62, 6.170, 346.415) contains.

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Color

CIELCh(62, 6.716, 344.313)

Conversions

Conversions Part 1

Format	Color
Hex	A09299
RGB	160, 146, 153
RGB Percent	63%, 57%, 60%
CMY	0.3719, 0.4268, 0.3994
CMYK	0.00, 0.09, 0.04, 0.37
HSL	330°, 7%, 60%
HSV	330°, 9%, 63%
XYZ	30.5962, 30.4025, 34.4623
YIQ	150.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

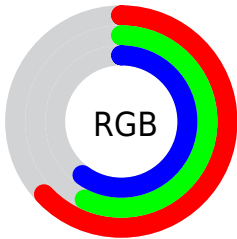
Format	Color
R_{YB}	160, 146, 153
Decimal	10523289
CIE _{Lab}	62.00, 6.47, -1.82
CIE _{LCh}	62, 6.716, 344.313
Yxy	30.4025, 0.3205, 0.3185
Android (android.graphics.Color)	4288713369 (0xFFA09299)
YUV	150.9840, 0.9939, 7.9070
Hunter-Lab	55.1385, 2.5567, 1.5399

Details

The CIELCh color $62, 6.716, 344.313$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 6.635, 162.995$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 6.649, 346.015$, and $42, 6.540, 346.720$ is the 20% darker color. If you saturate the color by 10%, you get $58, 14.551, 345.240$, and if you desaturate by 10%, it is $66, 0.947, 163.924$.

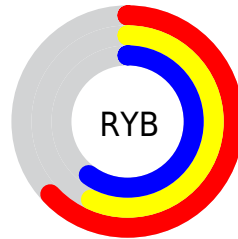
Distribution



Red (63%)

Green (57%)

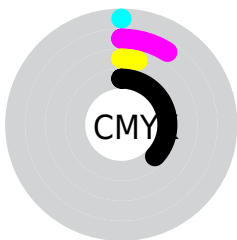
Blue (60%)



Red (63%)

Yellow (57%)

Blue (60%)

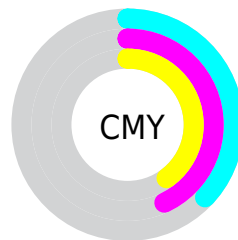


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (37%)



Cyan (37%)

Magenta (43%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 6.716, 344.313 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 62, 6.716, 344.313 by changing the saturation by 10% instead.

■ 62, 6.716, 344.313

■ 62, 6.716, 344.313

■ 100, 6.716,
344.313

■ 52, 6.716, 344.313

■ 82, 6.716, 344.313

■ 42, 6.716, 344.313

■ 92, 6.716, 344.313

■ 32, 6.716, 344.313

■ 22, 6.716, 344.313

■ 12, 6.716, 344.313

■ 2, 6.716, 344.313

■ 0, 6.716, 344.313

■ 62, 6.716, 344.313

■ 62, 6.716, 344.313

■ 58, 14.551,

■ 66, 0.947, 163.924

345.240

71, 8.382, 162.863

53, 22.469,
346.247

76, 15.568,
162.164

49, 30.315,
347.385

80, 22.500,
161.530

46, 37.858,
348.700

85, 29.185,
160.945

42, 44.783,
350.257

90, 35.636,
160.402

39, 50.712,
352.147

93, 40.042,
160.905

37, 55.264,
354.494

93, 37.394,
165.708

35, 58.182,
357.449

94, 34.994,
171.173

34, 59.716, 1.042

Harmonies

Complementary

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



62, 6.716, 344.313



65, 6.635, 162.995

Rectangle

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



62, 6.716, 344.313



62, 6.716, 34.313



62, 6.716, 164.313



62, 6.716, 214.313

Sweetspot

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



62, 6.714, 344.318



82, 2.846, 343.753



62, 8.342, 309.438



43, 2.154, 343.846



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 6.714, 344.318



78, 9.560, 344.450



62, 5.511, 19.861



31, 4.300, 344.363



30, 55.130, 1.047



1, 5.467, 345.064

Inverse Universe

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



62, 6.714, 344.318



78, 9.560, 344.450



65, 5.223, 199.027



31, 4.300, 344.363



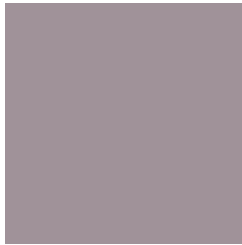
30, 55.130, 1.047



1, 5.467, 345.064

Previews

White Background



This preview shows how the CIELCh color 62, 6.716, 344.313 looks on a white background.

Color Contrast Check

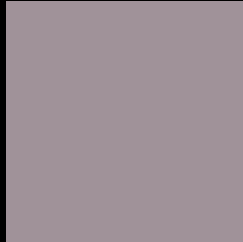
Large Text (above 18pt) WCAG AA × Fail

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 62, 6.716, 344.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

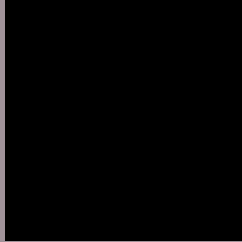
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

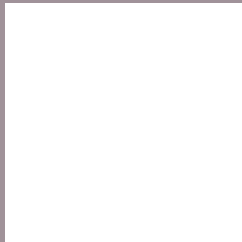
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 6.716, 344.313

Background



This preview shows how black text looks on a background with the CIELCh color 62, 6.716, 344.313.



This preview shows how white text looks on a background with the CIELCh color 62, 6.716, 344.313.

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

62, 6.716, 344.313

Protanopia

62, 3.468, 303.238

Deuteranopia

62, 8.324, 347.673



Tritanopia
62, 8.473, 333.542

Trichromacy



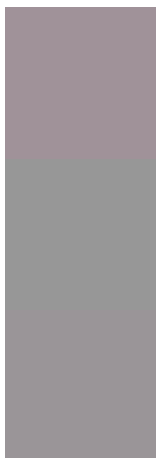
Original Color
62, 6.716, 344.313

Protanomaly
62, 4.105, 324.598

Deuteranomaly
62, 7.997, 346.110

Tritanomaly
62, 8.079, 336.273

Monochromacy



Original Color
62, 6.716, 344.313

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.576, 338.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 6.716, 344.313 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(160, 146, 153)` looks like.

```
.text, #text, p{  
    color:rgb(160, 146, 153)  
}
```

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(160, 146, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 146, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 6.716, 344.313 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(160, 146, 153) }
```

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

```
.border{ border-color:rgb(160, 146, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 146, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 146, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 146, 153);  
box-shadow:4px 4px 4px 4px rgb(160, 146,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 6.716, 344.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 146, 153) }
```

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

```
.background{ background-color: rgb(160,  
146, 153) }
```

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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