

Converting Colors

CIELCh(62, 6.991, 344.344)

Have a look what the booklet for
CIELCh(62, 6.991, 344.344) contains.

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Color

CIELCh(62, 7.036, 346.222)

Conversions

Conversions Part 1

Format	Color
Hex	A19299
RGB	161, 146, 153
RGB Percent	63%, 57%, 60%
CMY	0.3689, 0.4277, 0.4003
CMYK	0.00, 0.09, 0.05, 0.37
HSL	332°, 7%, 60%
HSV	332°, 9%, 63%
XYZ	30.6948, 30.4025, 34.3561
YIQ	151.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

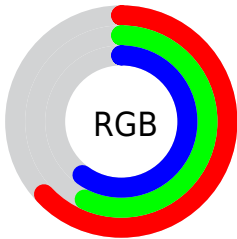
Format	Color
R_{YB}	161, 146, 153
Decimal	10588825
CIE Lab	62.00, 6.83, -1.68
CIE LCh	62, 7.036, 346.222
Yxy	30.4025, 0.3216, 0.3185
Android (android.graphics.Color)	4288778905 (0xFFFA19299)
YUV	151.2830, 0.8465, 8.5218
Hunter-Lab	55.1385, 2.8759, 1.6541

Details

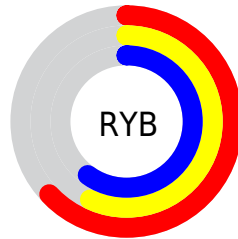
The CIELCh color $62, 7.036, 346.222$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 6.935, 164.761$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 6.957, 347.745$, and $42, 6.540, 346.720$ is the 20% darker color. If you saturate the color by 10%, you get $58, 14.754, 347.187$, and if you desaturate by 10%, it is $67, 0.501, 166.149$.

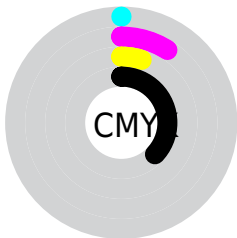
Distribution



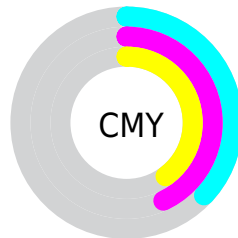
- Red (63%)
- Green (57%)
- Blue (60%)



- Red (63%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (37%)



- Cyan (37%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 7.036, 346.222 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, 7.036, 346.222 by changing the saturation by 10% instead.

62, 7.036, 346.222

62, 7.036, 346.222

100, 7.036,
346.222

52, 7.036, 346.222

82, 7.036, 346.222

42, 7.036, 346.222

92, 7.036, 346.222

32, 7.036, 346.222

22, 7.036, 346.222

12, 7.036, 346.222

2, 7.036, 346.222

0, 7.036, 346.222

62, 7.036, 346.222

62, 7.036, 346.222

58, 14.754,

67, 0.501, 166.149

347.187

71, 7.802, 164.723

53, 22.567,
348.247

76, 14.847,
164.005

49, 30.320,
349.455

80, 21.635,
163.356

45, 37.784,
350.866

85, 28.173,
162.760

42, 44.646,
352.553

90, 34.474,
162.208

39, 50.531,
354.621

93, 38.579,
162.932

37, 55.071,
357.207

94, 35.862,
168.449

35, 58.034, 0.473

94, 33.470,
174.775

34, 59.755, 4.403

Harmonies

Complementary

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



62, 7.036, 346.222



65, 6.935, 164.761

Rectangle

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



62, 7.036, 346.222



62, 7.036, 36.222



62, 7.036, 166.222



62, 7.036, 216.222

Sweetspot

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



62, 7.034, 346.227



82, 2.782, 345.588



62, 8.997, 310.609



43, 2.106, 345.684



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, 7.034, 346.227



78, 10.301, 346.404



62, 5.721, 22.673



32, 4.319, 346.224



31, 55.591, 4.239



1, 6.452, 348.038

Inverse Universe

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



62, 7.034, 346.227



78, 10.301, 346.404



65, 5.397, 201.971



32, 4.319, 346.224



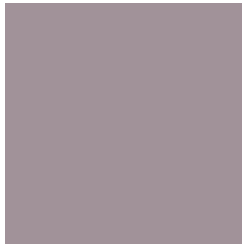
31, 55.591, 4.239



1, 6.452, 348.038

Previews

White Background



This preview shows how the CIELCh color 62, 7.036, 346.222 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, 7.036, 346.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

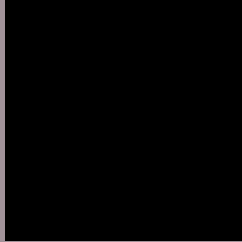
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 7.036, 346.222

Background



This preview shows how black text looks on a background with the CIELCh color 62, 7.036, 346.222.



This preview shows how white text looks on a background with the CIELCh color 62, 7.036, 346.222.

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, 7.036, 346.222

Protanopia

62, 3.468, 303.238

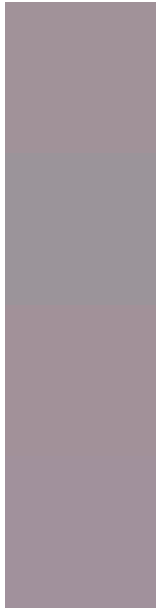
Deuteranopia

62, 8.324, 347.673



Tritanopia
62, 9.150, 332.943

Trichromacy



Original Color
62, 7.036, 346.222

Protanomaly
62, 4.335, 328.816

Deuteranomaly
62, 7.997, 346.110

Tritanomaly
62, 8.751, 335.436

Monochromacy



Original Color
62, 7.036, 346.222

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.879, 343.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 7.036, 346.222 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(161, 146, 153)` looks like.

```
.text, #text, p{  
    color:rgb(161, 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(161, 146, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 146, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 7.036, 346.222 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(161, 146, 153) }
```

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

```
.border{ border-color:rgb(161, 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(161, 146, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 146, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 146, 153);  
box-shadow:4px 4px 4px 4px rgb(161, 146,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 7.036, 346.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 146, 153) }
```

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

```
.background{ background-color: rgb(161,  
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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