

Converting Colors

CIELCh(62, 7.796, 347.614)

Have a look what the booklet for
CIELCh(62, 7.796, 347.614) contains.

CIELCh(62, 7.997, 346.110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 7.997, 346.110)

Conversions

Conversions Part 1

Format	Color
Hex	A29199
RGB	162, 145, 153
RGB Percent	64%, 57%, 60%
CMY	0.3632, 0.4299, 0.3985
CMYK	0.00, 0.10, 0.06, 0.36
HSL	332°, 8%, 60%
HSV	332°, 10%, 64%
XYZ	30.9450, 30.4025, 34.5412
YIQ	150.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

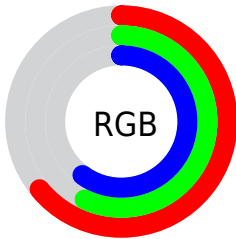
Format	Color
RYB	162, 145, 153
Decimal	10654105
CIELab	62.00, 7.76, -1.92
CIELCh	62, 7.997, 346.110
Yxy	30.4025, 0.3227, 0.3171
Android (android.graphics.Color)	4288844185 (0xFFA29199)
YUV	150.9950, 0.9885, 9.6514
Hunter-Lab	55.1385, 3.6859, 1.4551

Details

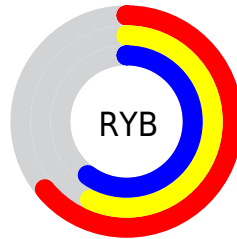
The CIELCh color $62, 7.997, 346.110$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 7.873, 164.437$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 7.864, 347.425$, and $42, 7.574, 346.582$ is the 20% darker color. If you saturate the color by 10%, you get $58, 15.807, 347.079$, and if you desaturate by 10%, it is $67, 0.360, 344.322$.

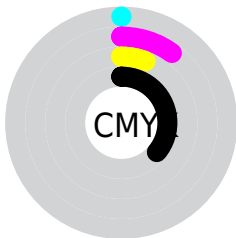
Distribution



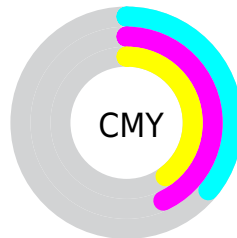
- Red (64%)
- Green (57%)
- Blue (60%)



- Red (64%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 7.997, 346.110 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, 7.997, 346.110 by changing the saturation by 10% instead.

■ 62, 7.997, 346.110

■ 62, 7.997, 346.110

■ 100, 7.997,
346.110

■ 52, 7.997, 346.110

■ 82, 7.997, 346.110

■ 42, 7.997, 346.110

■ 92, 7.997, 346.110

■ 32, 7.997, 346.110

■ 22, 7.997, 346.110

■ 12, 7.997, 346.110

■ 2, 7.997, 346.110

■ 0, 7.997, 346.110

■ 62, 7.997, 346.110

■ 62, 7.997, 346.110

■ 58, 15.807,

■ 67, 0.360, 344.322

347.079

71, 7.044, 164.595

53, 23.695,
348.149

76, 14.192,
163.867

49, 31.497,
349.372

81, 21.081,
163.213

45, 38.970,
350.802

85, 27.717,
162.612

42, 45.789,
352.516

90, 34.112,
162.056

39, 51.571,
354.621

93, 38.040,
162.947

37, 55.951,
357.258

94, 35.326,
168.559

35, 58.720, 0.588

94, 32.943,
175.007

34, 60.292, 4.338

Harmonies

Complementary

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



62, 7.997, 346.110



65, 7.873, 164.437

Rectangle

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



62, 7.997, 346.110



62, 7.997, 36.110



62, 7.997, 166.110



62, 7.997, 216.110

Sweetspot

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



62, 7.995, 346.115



83, 2.817, 345.369



62, 10.165, 310.092



44, 2.154, 345.466



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 7.995, 346.115



77, 12.357, 346.375



62, 6.612, 21.351



32, 4.330, 346.003



31, 55.610, 3.872



1, 6.467, 347.828

Inverse Universe

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



62, 7.995, 346.115



77, 12.357, 346.375



65, 6.194, 200.393



32, 4.330, 346.003



31, 55.610, 3.872



1, 6.467, 347.828

Previews

White Background



This preview shows how the CIELCh color 62, 7.997, 346.110 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, 7.997, 346.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

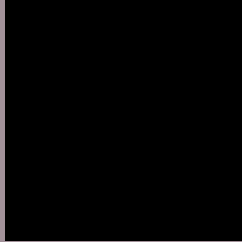
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

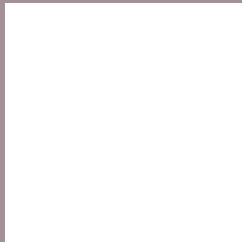
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 7.997, 346.110

Background



This preview shows how black text looks on a background with the CIELCh color 62, 7.997, 346.110.



This preview shows how white text looks on a background with the CIELCh color 62, 7.997, 346.110.

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, 7.997, 346.110

Protanopia

62, 4.017, 301.513

Deuteranopia

62, 8.324, 347.673



Tritanopia
62, 9.313, 338.898

Trichromacy



Original Color
62, 7.997, 346.110

Protanomaly
62, 4.785, 324.639

Deuteranomaly
62, 8.324, 347.673

Tritanomaly
62, 8.960, 341.601

Monochromacy



Original Color
62, 7.997, 346.110

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, 7.997, 346.110 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(162, 145, 153)` looks like.

```
.text, #text, p{  
    color:rgb(162, 145, 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(162, 145, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 145, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 7.997, 346.110 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(162, 145, 153) }
```

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

```
.border{ border-color:rgb(162, 145, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 145, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 145, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 145, 153);  
box-shadow:4px 4px 4px 4px rgb(162, 145,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 7.997, 346.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 145, 153) }
```

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

```
.background{ background-color: rgb(162,  
145, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor