

Converting Colors

CIELCh(62, 2.544, 145.803)

Have a look what the booklet for
CIELCh(62, 2.544, 145.803) contains.

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Color

CIELCh(62, 2.732, 144.375)

Conversions

Conversions Part 1

Format	Color
Hex	939793
RGB	147, 151, 147
RGB Percent	58%, 59%, 58%
CMY	0.4239, 0.4082, 0.4239
CMYK	0.03, 0.00, 0.03, 0.41
HSL	120°, 2%, 58%
HSV	120°, 3%, 59%
XYZ	28.3279, 30.4025, 31.9419
YIQ	149.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

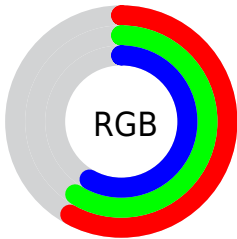
Format	Color
RYB	147, 151, 151
Decimal	9672595
CIELab	62.00, -2.22, 1.59
CIELCh	62, 2.732, 144.375
Yxy	30.4025, 0.3124, 0.3353
Android (android.graphics.Color)	4287862675 (0xFF939793)
YUV	149.3480, -1.1576, -2.0592
Hunter-Lab	55.1385, -4.7865, 4.2500

Details

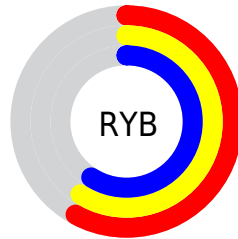
The CIELCh color **62, 2.732, 144.375** is a light color, and the websafe version is hex **999999**. A complement of this color would be **61, 2.748, 324.508**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 2.578, 144.436**, and **42, 2.470, 152.176** is the 20% darker color. If you saturate the color by 10%, you get **60, 13.157, 143.714**, and if you desaturate by 10%, it is **64, 7.528, 324.781**.

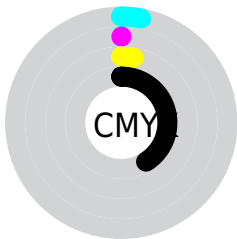
Distribution



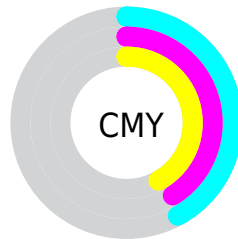
- Red (58%)
- Green (59%)
- Blue (58%)



- Red (58%)
- Yellow (59%)
- Blue (59%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 2.732, 144.375 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, 2.732, 144.375 by changing the saturation by 10% instead.

■ 62, 2.732, 144.375

■ 62, 2.732, 144.375

■ 100, 2.732,
144.375

■ 52, 2.732, 144.375

■ 82, 2.732, 144.375

■ 42, 2.732, 144.375

■ 92, 2.732, 144.375

■ 32, 2.732, 144.375

■ 22, 2.732, 144.375

■ 12, 2.732, 144.375

■ 2, 2.732, 144.375

■ 0, 2.732, 144.375

■ 62, 2.732, 144.375

■ 62, 2.732, 144.375

■ 60, 13.157,

■ 64, 7.528, 324.781

143.714

65, 17.554,
325.229

59, 23.631,
143.003

67, 27.298,
325.600

58, 34.005,
142.182

69, 36.735,
325.914

57, 44.077,
141.244

72, 45.855,
326.181

56, 53.589,
140.203

74, 54.659,
326.410

55, 62.223,
139.097

76, 63.156,
326.606

55, 69.606,
138.007

76, 64.509,
326.634

54, 75.335,
137.056

54, 79.075,
136.379

Harmonies

Complementary

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



62, 2.732, 144.375



61, 2.748, 324.508

Rectangle

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



62, 2.732, 144.375



62, 2.732, 194.375



62, 2.732, 324.375



62, 2.732, 14.375

Sweetspot

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



62, 2.734, 144.376



79, 1.270, 144.588



62, 2.231, 109.908



42, 0.728, 144.605



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



62, 2.734, 144.376



79, 3.835, 144.343



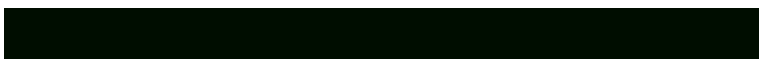
62, 1.912, 163.613



32, 2.360, 144.296



50, 76.767, 136.016



3, 6.385, 144.444

Inverse Universe

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



61, 2.748, 324.508



78, 3.852, 324.540



61, 1.929, 343.690



32, 2.369, 324.585



33, 74.067, 328.234



1, 6.386, 324.440

Previews

White Background



This preview shows how the CIELCh color 62, 2.732, 144.375 looks on a white background.

Color Contrast Check

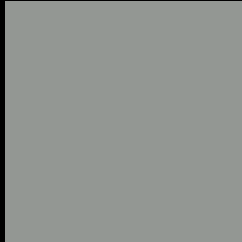
Large Text (above 18pt) WCAG AA × Fail

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, 2.732, 144.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

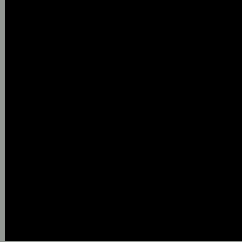
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

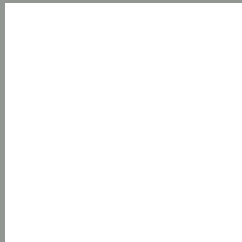
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 2.732, 144.375

Background



This preview shows how black text looks on a background with the CIELCh color 62, 2.732, 144.375.



This preview shows how white text looks on a background with the CIELCh color 62, 2.732, 144.375.

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, 2.732, 144.375

Protanopia

62, 2.279, 66.675

Deuteranopia

62, 8.056, 8.174



Tritanopia
62, 6.739, 290.924

Trichromacy



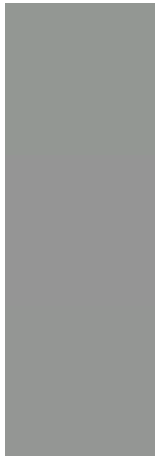
Original Color
62, 2.732, 144.375

Protanomaly
62, 2.261, 99.985

Deuteranomaly
62, 4.342, 12.334

Tritanomaly
62, 3.441, 277.877

Monochromacy



Original Color
62, 2.732, 144.375

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.363, 144.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 2.732, 144.375 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(147, 151, 147)` looks like.

```
.text, #text, p{  
    color:rgb(147, 151, 147)  
}
```

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(147, 151, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 151, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 2.732, 144.375 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(147, 151, 147) }
```

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

```
.border{ border-color:rgb(147, 151, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 151, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 151, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 151, 147);  
box-shadow:4px 4px 4px 4px rgb(147, 151,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 2.732, 144.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 151, 147) }
```

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

```
.background{ background-color: rgb(147,  
151, 147) }
```

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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