

Converting Colors

CIELCh(62, 7.191, 19.403)

Have a look what the booklet for
CIELCh(62, 7.191, 19.403) contains.

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Color

CIELCh(62, 7.117, 20.037)

Conversions

Conversions Part 1

Format	Color
Hex	A49292
RGB	164, 146, 146
RGB Percent	64%, 57%, 57%
CMY	0.3580, 0.4285, 0.4285
CMYK	0.00, 0.11, 0.11, 0.36
HSL	0°, 9%, 61%
HSV	0°, 11%, 64%
XYZ	30.6552, 30.4025, 31.3349
YIQ	151.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

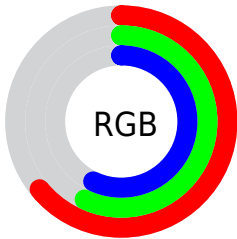
Format	Color
R _Y B	164, 146, 146
Decimal	10785426
CIE Lab	62.00, 6.69, 2.44
CIE LCh	62, 7.117, 20.037
Yxy	30.4025, 0.3318, 0.3291
Android (android.graphics.Color)	4288975506 (0xFFA49292)
YUV	151.3820, -2.6533, 11.0660
Hunter-Lab	55.1385, 2.7479, 4.9027

Details

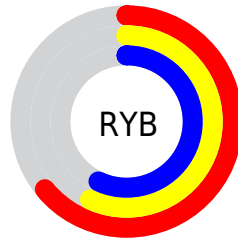
The CIELCh color $62, 7.117, 20.037$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 6.646, 198.905$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 7.061, 19.871$, and $42, 6.853, 20.260$ is the 20% darker color. If you saturate the color by 10%, you get $57, 14.125, 20.902$, and if you desaturate by 10%, it is $67, 0.617, 18.709$.

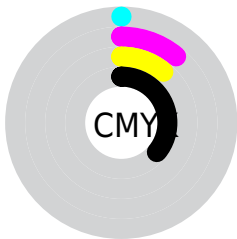
Distribution



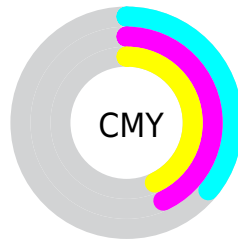
- Red (64%)
- Green (57%)
- Blue (57%)



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



- Cyan (0%)
- Magenta (11%)
- Yellow (11%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 7.117, 20.037 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, 7.117, 20.037 by changing the saturation by 10% instead.

 62, 7.117, 20.037  62, 7.117, 20.037


 100, 7.117, 20.037  52, 7.117, 20.037


 82, 7.117, 20.037  42, 7.117, 20.037


 92, 7.117, 20.037  32, 7.117, 20.037

 22, 7.117, 20.037

 12, 7.117, 20.037

 2, 7.117, 20.037

 0, 7.117, 20.037

 62, 7.117, 20.037  62, 7.117, 20.037

 57, 14.125, 20.902  67, 0.617, 18.709

53, 21.649, 21.974

72, 5.399, 199.066

49, 29.646, 23.360

77, 10.975,
198.623

45, 38.009, 25.163

81, 16.157,
198.288

41, 46.558, 27.485

38, 55.029, 30.393

86, 20.991,
198.022

36, 63.051, 33.801

91, 25.519,
197.805

34, 69.943, 37.229

34, 74.828, 39.788

95, 28.426,
197.666

Harmonies

Complementary

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



62, 7.117, 20.037



66, 6.646, 198.905

Rectangle

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



62, 7.117, 20.037



62, 7.117, 70.037



62, 7.117, 200.037



62, 7.117, 250.037

Sweetspot

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



62, 7.116, 20.050



83, 2.322, 19.351



63, 12.219, 325.014



44, 1.780, 19.449



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, 7.116, 20.050



77, 10.465, 20.228



64, 6.118, 74.055



32, 3.629, 19.916



30, 68.061, 39.267



1, 5.463, 19.417

Inverse Universe

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



66, 6.646, 198.905



83, 9.632, 198.779



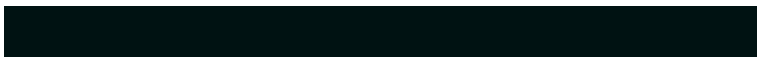
63, 5.962, 256.890



34, 3.427, 199.007



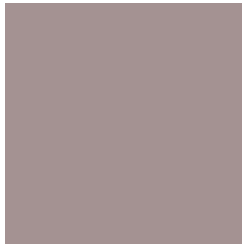
54, 32.959, 196.410



4, 5.462, 199.439

Previews

White Background



This preview shows how the CIELCh color 62, 7.117, 20.037 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, 7.117, 20.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

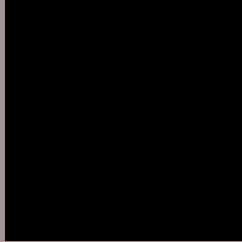
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 7.117, 20.037

Background



This preview shows how black text looks on a background with the CIELCh color 62, 7.117, 20.037.



This preview shows how white text looks on a background with the CIELCh color 62, 7.117, 20.037.

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, 7.117, 20.037

Protanopia

62, 1.645, 39.141

Deuteranopia

62, 8.338, 16.348



Tritanopia
62, 10.561, 340.949

Trichromacy



Original Color
62, 7.117, 20.037

Protanomaly
62, 3.563, 28.629

Deuteranomaly
62, 7.935, 16.109

Tritanomaly
62, 8.741, 353.676

Monochromacy



Original Color
62, 7.117, 20.037

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.724, 19.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 7.117, 20.037 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(164, 146, 146)` looks like.

```
.text, #text, p{  
    color:rgb(164, 146, 146)  
}
```

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(164, 146, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 146, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 7.117, 20.037 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(164, 146, 146) }
```

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

```
.border{ border-color:rgb(164, 146, 146) }
```

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

Here you see how a box with a 4 pixel rgb(164, 146, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 146, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 146, 146);  
box-shadow:4px 4px 4px 4px rgb(164, 146,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 7.117, 20.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 146, 146) }
```

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

```
.background{ background-color: rgb(164,  
146, 146) }
```

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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