

Converting Colors

CIELCh(62, 6.889, 5.953)

Have a look what the booklet for
CIELCh(62, 6.889, 5.953) contains.

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Color

CIELCh(62, 6.881, 5.947)

Conversions

Conversions Part 1

Format	Color
Hex	A39295
RGB	163, 146, 149
RGB Percent	64%, 57%, 58%
CMY	0.3618, 0.4284, 0.4167
CMYK	0.00, 0.10, 0.09, 0.36
HSL	349°, 8%, 60%
HSV	349°, 10%, 64%
XYZ	30.6976, 30.4025, 32.5795
YIQ	151.4250, 9.1690, 4.5370

Conversions

Conversions Part 2

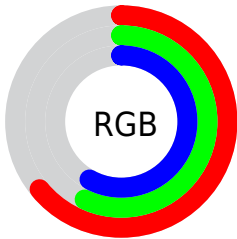
Format	Color
R _Y B	163, 146, 149
Decimal	10719893
CIE Lab	62.00, 6.84, 0.71
CIE LCh	62, 6.881, 5.947
Yxy	30.4025, 0.3277, 0.3245
Android (android.graphics.Color)	4288909973 (0xFFA39295)
YUV	151.4250, -1.1955, 10.1513
Hunter-Lab	55.1385, 2.8849, 3.5644

Details

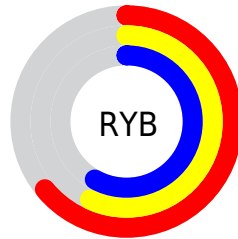
The CIELCh color $62, 6.881, 5.947$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 6.588, 184.245$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 6.843, 6.494$, and $42, 6.484, 9.570$ is the 20% darker color. If you saturate the color by 10%, you get $57, 13.831, 7.064$, and if you desaturate by 10%, it is $67, 0.286, 3.558$.

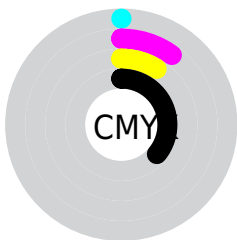
Distribution



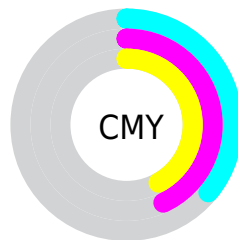
- Red (64%)
- Green (57%)
- Blue (58%)



- Red (64%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 6.881, 5.947 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, 6.881, 5.947 by changing the saturation by 10% instead.

■ 62, 6.881, 5.947

■ 62, 6.881, 5.947

■ 100, 6.881, 5.947

■ 52, 6.881, 5.947

■ 82, 6.881, 5.947

■ 42, 6.881, 5.947

■ 92, 6.881, 5.947

■ 32, 6.881, 5.947

■ 22, 6.881, 5.947

■ 12, 6.881, 5.947

■ 2, 6.881, 5.947

■ 0, 6.881, 5.947

■ 62, 6.881, 5.947

■ 62, 6.881, 5.947

■ 57, 13.831, 7.064

■ 67, 0.286, 3.558

53, 21.101, 8.364

71, 5.944, 184.401

49, 28.598, 9.944

76, 11.823,
183.680

45, 36.166, 11.903

81, 17.375,
183.063

41, 43.578, 14.364

38, 50.559, 17.471

86, 22.628,
182.518

36, 56.861, 21.343

91, 27.613,
182.029

35, 62.357, 25.980

34, 67.112, 30.619

94, 30.278,
185.250

95, 28.680,
197.650

Harmonies

Complementary

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



62, 6.881, 5.947



66, 6.588, 184.245

Rectangle

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



62, 6.881, 5.947



62, 6.881, 55.947



62, 6.881, 185.947



62, 6.881, 235.947

Sweetspot

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



62, 6.879, 5.957



83, 2.400, 5.111



62, 10.936, 319.749



44, 1.838, 5.227



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, 6.879, 5.957



77, 10.689, 6.254



63, 5.471, 52.814



32, 3.724, 5.835



30, 61.461, 30.061



1, 5.626, 6.365

Inverse Universe

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



62, 6.879, 5.957



77, 10.689, 6.254



64, 5.188, 234.557



32, 3.724, 5.835



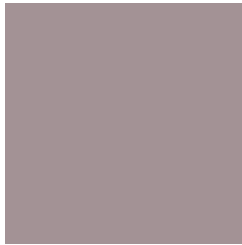
30, 61.461, 30.061



1, 5.626, 6.365

Previews

White Background



This preview shows how the CIELCh color 62, 6.881, 5.947 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, 6.881, 5.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

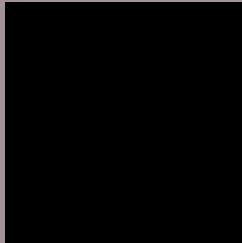
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 6.881, 5.947

Background



This preview shows how black text looks on a background with the CIELCh color 62, 6.881, 5.947.



This preview shows how white text looks on a background with the CIELCh color 62, 6.881, 5.947.

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, 6.881, 5.947

Protanopia

62, 1.626, 335.624

Deuteranopia

62, 8.174, 4.334



Tritanopia
62, 9.606, 340.482

Trichromacy



Original Color

62, 6.881, 5.947

Protanomaly

62, 3.313, 359.858

Deuteranomaly

62, 7.792, 3.483

Tritanomaly

62, 8.656, 349.123

Monochromacy



Original Color

62, 6.881, 5.947

Achromatopsia

62, 0.008, 296.813

Achromatomaly

62, 2.400, 5.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 6.881, 5.947 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(163, 146, 149)` looks like.

```
.text, #text, p{  
    color:rgb(163, 146, 149)  
}
```

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(163, 146, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 146, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 6.881, 5.947 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(163, 146, 149) }
```

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

```
.border{ border-color:rgb(163, 146, 149) }
```

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

Here you see how a box with a 4 pixel rgb(163, 146, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 146, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 146, 149);  
box-shadow:4px 4px 4px 4px rgb(163, 146,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 6.881, 5.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 146, 149) }
```

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

```
.background{ background-color: rgb(163,  
146, 149) }
```

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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