

Converting Colors

CIELCh(66, 7.251, 119.301)

Have a look what the booklet for
CIELCh(66, 7.251, 119.301) contains.

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Color

CIELCh(66, 7.273, 118.676)

Conversions

Conversions Part 1

Format	Color
Hex	9FA295
RGB	159, 162, 149
RGB Percent	62%, 64%, 58%
CMY	0.3769, 0.3652, 0.4161
CMYK	0.02, 0.00, 0.08, 0.37
HSL	74°, 7%, 61%
HSV	74°, 8%, 63%
XYZ	32.5895, 35.3238, 33.4854
YIQ	159.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

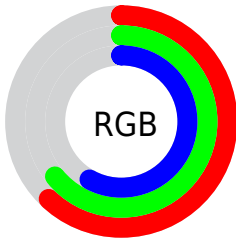
Format	Color
RYB	149, 162, 152
Decimal	10461845
CIELab	66.00, -3.49, 6.38
CIELCh	66, 7.273, 118.676
Yxy	35.3238, 0.3214, 0.3484
Android (android.graphics.Color)	4288651925 (0xFF9FA295)
YUV	159.6210, -5.2362, -0.5446
Hunter-Lab	59.4338, -6.1320, 8.1993

Details

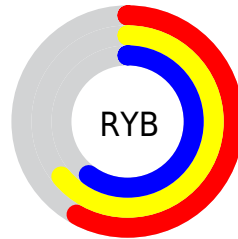
The CIELCh color $66, 7.273, 118.676$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 7.402, 299.704$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 7.403, 118.122$, and $46, 7.150, 115.966$ is the 20% darker color. If you saturate the color by 10%, you get $65, 16.310, 118.042$, and if you desaturate by 10%, it is $67, 1.795, 299.293$.

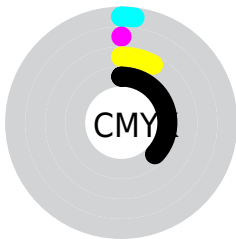
Distribution



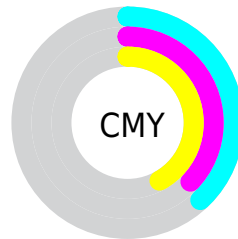
- Red (62%)
- Green (64%)
- Blue (58%)



- Red (58%)
- Yellow (64%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (37%)



- Cyan (38%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 7.273, 118.676 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 66, 7.273, 118.676 by changing the saturation by 10% instead.

■ 66, 7.273, 118.676

■ 66, 7.273, 118.676

■ 100, 7.273,
118.676

■ 56, 7.273, 118.676

■ 86, 7.273, 118.676

■ 46, 7.273, 118.676

■ 96, 7.273, 118.676

■ 36, 7.273, 118.676

■ 26, 7.273, 118.676

■ 16, 7.273, 118.676

■ 6, 7.273, 118.676

■ 0, 7.273, 118.676

■ 66, 7.273, 118.676

■ 66, 7.273, 118.676

■ 65, 16.310,

■ 67, 1.795, 299.293

118.042

67, 10.856,
299.899

65, 25.253,
117.397

68, 19.879,
300.465

64, 34.014,
116.769

69, 28.842,
300.998

64, 42.463,
116.189

70, 37.728,
301.495

63, 50.404,
115.701

71, 46.525,
301.959

63, 57.556,
115.370

72, 51.422,
302.773

62, 63.548,
115.280

72, 51.566,
304.065

62, 67.985,
115.526

72, 51.733,
305.362

62, 70.797,
116.132

Harmonies

Complementary

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



66, 7.273, 118.676



62, 7.402, 299.704

Rectangle

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



66, 7.273, 118.676



66, 7.273, 168.676



66, 7.273, 298.676



66, 7.273, 348.676

Sweetspot

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



66, 7.275, 118.683



85, 2.247, 119.067



64, 4.279, 41.106



45, 1.287, 119.075



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



66, 7.275, 118.683



84, 11.267, 118.546



66, 8.075, 135.941



34, 5.158, 118.604



56, 65.855, 116.146



5, 8.114, 121.153

Inverse Universe

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



62, 7.402, 299.704



78, 11.508, 299.856



63, 8.131, 316.569



32, 5.260, 299.791



17, 86.168, 307.687



1, 8.044, 298.347

Previews

White Background



This preview shows how the CIELCh color 66, 7.273, 118.676 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 66, 7.273, 118.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

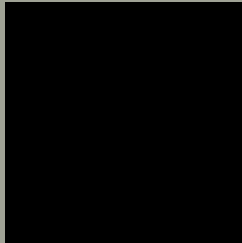
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

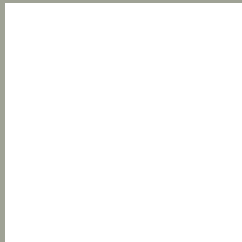
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 7.273, 118.676

Background



This preview shows how black text looks on a background with the CIELCh color 66, 7.273, 118.676.



This preview shows how white text looks on a background with the CIELCh color 66, 7.273, 118.676.

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

66, 7.273, 118.676

Protanopia

66, 7.020, 89.772

Deuteranopia

66, 9.942, 36.239



Tritanopia
66, 6.767, 300.346

Trichromacy



Original Color
66, 7.273, 118.676

Protanomaly
66, 7.206, 103.152

Deuteranomaly
66, 7.072, 58.263

Tritanomaly
66, 1.716, 303.114

Monochromacy



Original Color
66, 7.273, 118.676

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 2.787, 117.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 7.273, 118.676 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(159, 162, 149)` looks like.

```
.text, #text, p{  
    color:rgb(159, 162, 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(159, 162, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 162, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 7.273, 118.676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

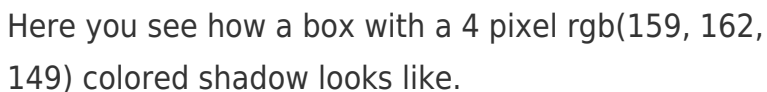
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 162, 149) }
```

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

```
.border{ border-color:rgb(159, 162, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 162, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 162, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 162, 149); box-shadow:4px 4px 4px 4px rgb(159, 162, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 7.273, 118.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 162, 149) }
```

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

```
.background{ background-color: rgb(159,  
162, 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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