

Converting Colors

CIELCh(64, 5.954, 266.146)

Have a look what the booklet for
CIELCh(64, 5.954, 266.146) contains.

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Color

CIELCh(64, 6.095, 265.726)

Conversions

Conversions Part 1

Format	Color
Hex	959CA6
RGB	149, 156, 166
RGB Percent	58%, 61%, 65%
CMY	0.4167, 0.3892, 0.3500
CMYK	0.10, 0.06, 0.00, 0.35
HSL	215°, 9%, 62%
HSV	215°, 10%, 65%
XYZ	31.0540, 32.8017, 40.6481
YIQ	155.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

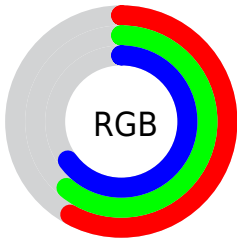
Format	Color
R_{YB}	149, 154, 166
Decimal	9804966
CIE Lab	64.00, -0.45, -6.08
CIE LCh	64, 6.095, 265.726
Yxy	32.8017, 0.2972, 0.3139
Android (android.graphics.Color)	4287995046 (0xFF959CA6)
YUV	155.0470, 5.3998, -5.3032
Hunter-Lab	57.2727, -3.4425, -1.9888

Details

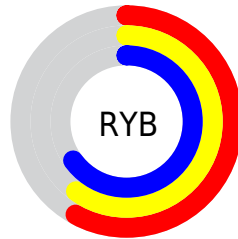
The CIELCh color $64, 6.095, 265.726$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 6.158, 83.001$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 6.260, 267.547$, and $44, 5.987, 263.742$ is the 20% darker color. If you saturate the color by 10%, you get $60, 12.060, 267.238$, and if you desaturate by 10%, it is $68, 0.158, 265.996$.

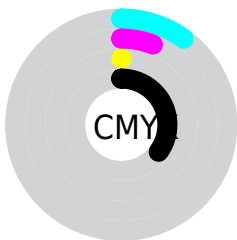
Distribution



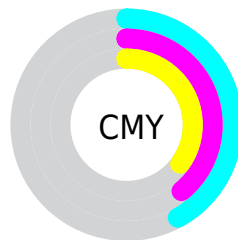
- Red (58%)
- Green (61%)
- Blue (65%)



- Red (58%)
- Yellow (60%)
- Blue (65%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 6.095, 265.726 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 64, 6.095, 265.726 by changing the saturation by 10% instead.

■ 64, 6.095, 265.726

■ 64, 6.095, 265.726

■ 100, 6.095,
265.726

■ 54, 6.095, 265.726

■ 84, 6.095, 265.726

■ 44, 6.095, 265.726

■ 94, 6.095, 265.726

■ 34, 6.095, 265.726

■ 24, 6.095, 265.726

■ 14, 6.095, 265.726

■ 4, 6.095, 265.726

■ 0, 6.095, 265.726

■ 64, 6.095, 265.726

■ 64, 6.095, 265.726

■ 60, 12.060,

■ 68, 0.158, 265.996

267.238

72, 5.740, 83.160

56, 18.047,
269.042

76, 11.591, 82.194

52, 24.053,
271.164

80, 17.385, 81.338

49, 30.082,
273.648

84, 23.118, 80.582

45, 36.152,
276.533

87, 28.783, 79.913

41, 42.298,
279.828

90, 32.580, 85.356

93, 35.760, 93.700

38, 48.565,
283.498

95, 39.560,
100.469

35, 54.992,
287.433

32, 61.421,
291.216

Harmonies

Complementary

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



64, 6.095, 265.726



66, 6.158, 83.001

Rectangle

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



64, 6.095, 265.726



64, 6.095, 315.726



64, 6.095, 85.726



64, 6.095, 135.726

Sweetspot

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



64, 6.094, 265.713



84, 2.198, 264.840



67, 7.548, 167.555



44, 1.662, 264.912



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 6.094, 265.713



80, 8.790, 265.991



62, 9.566, 294.355



33, 3.319, 265.576



28, 55.135, 290.742



2, 5.358, 267.814

Inverse Universe

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



63, 7.670, 349.548



79, 11.091, 349.743



67, 9.346, 112.614



32, 4.172, 349.450



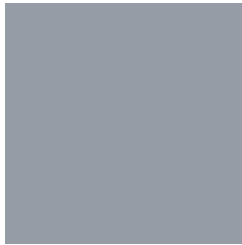
30, 55.613, 9.438



1, 6.251, 351.092

Previews

White Background



This preview shows how the CIELCh color 64, 6.095, 265.726 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 64, 6.095, 265.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

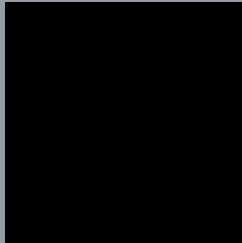
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

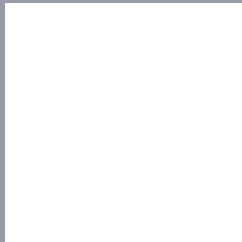
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 6.095, 265.726

Background



This preview shows how black text looks on a background with the CIELCh color 64, 6.095, 265.726.



This preview shows how white text looks on a background with the CIELCh color 64, 6.095, 265.726.

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

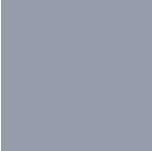
64, 6.095, 265.726

Protanopia

64, 6.158, 294.315

Deuteranopia

64, 10.415, 321.430



Tritanopia
64, 7.535, 273.986

Trichromacy



Original Color
64, 6.095, 265.726

Protanomaly
64, 5.615, 283.172

Deuteranomaly
64, 8.161, 306.923

Tritanomaly
64, 7.006, 272.551

Monochromacy



Original Color
64, 6.095, 265.726

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.348, 271.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 6.095, 265.726 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(149, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(149, 156, 166)  
}
```

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(149, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 156, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 6.095, 265.726 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(149, 156, 166) }
```

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

```
.border{ border-color:rgb(149, 156, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 156, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(149, 156,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 6.095, 265.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 156, 166) }
```

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

```
.background{ background-color: rgb(149,  
156, 166) }
```

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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