

Converting Colors

CIELCh(64, 1.022, 254.131)

Have a look what the booklet for
CIELCh(64, 1.022, 254.131) contains.

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Color

CIELCh(64, 1.179, 271.525)

Conversions

Conversions Part 1

Format	Color
Hex	9A9B9D
RGB	154, 155, 157
RGB Percent	60%, 61%, 62%
CMY	0.3956, 0.3917, 0.3838
CMYK	0.02, 0.01, 0.00, 0.38
HSL	220°, 2%, 61%
HSV	220°, 2%, 62%
XYZ	31.1855, 32.8017, 36.6388
YIQ	154.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

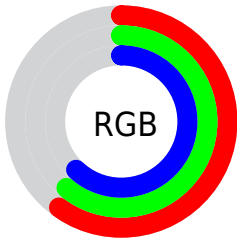
Format	Color
RYB	154, 155, 157
Decimal	10132381
CIELab	64.00, 0.03, -1.18
CIELCh	64, 1.179, 271.525
Yxy	32.8017, 0.3099, 0.3260
Android (android.graphics.Color)	4288322461 (0xFF9A9B9D)
YUV	154.9290, 1.0210, -0.8147
Hunter-Lab	57.2727, -3.0325, 2.1616

Details

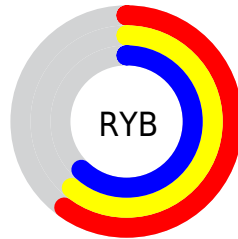
The CIELCh color $64, 1.179, 271.525$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 1.164, 90.653$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 1.625, 277.571$, and $44, 1.264, 271.574$ is the 20% darker color. If you saturate the color by 10%, you get $60, 7.364, 272.630$, and if you desaturate by 10%, it is $68, 4.912, 90.101$.

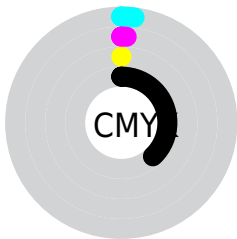
Distribution



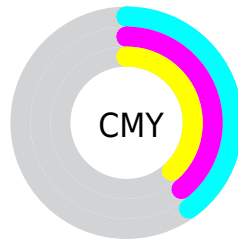
- Red (60%)
- Green (61%)
- Blue (62%)



- Red (60%)
- Yellow (61%)
- Blue (62%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



- Cyan (40%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 1.179, 271.525 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, 1.179, 271.525 by changing the saturation by 10% instead.

■ 64, 1.179, 271.525

■ 64, 1.179, 271.525

100, 1.179,
271.525

■ 54, 1.179, 271.525

■ 84, 1.179, 271.525

■ 44, 1.179, 271.525

■ 94, 1.179, 271.525

■ 34, 1.179, 271.525

■ 24, 1.179, 271.525

■ 14, 1.179, 271.525

■ 4, 1.179, 271.525

■ 0, 1.179, 271.525

■ 64, 1.179, 271.525

■ 64, 1.179, 271.525

■ 60, 7.364, 272.630

■ 68, 4.912, 90.101

56, 13.646,
274.151

72, 10.905, 89.132

52, 20.028,
275.934

76, 16.801, 88.271

80, 22.596, 87.509

48, 26.517,
278.016

84, 28.293, 86.833

44, 33.129,
280.435

88, 33.889, 86.230

91, 38.096, 90.831

40, 39.891,
283.215

94, 41.896, 97.978

36, 46.830,
286.348

97, 46.213,
103.767

32, 53.958,
289.772

29, 61.231,
293.347

Harmonies

Complementary

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



64, 1.179, 271.525



64, 1.164, 90.653

Rectangle

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



64, 1.179, 271.525



64, 1.179, 321.525



64, 1.179, 91.525



64, 1.179, 141.525

Sweetspot

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



64, 1.178, 271.455



82, 0.767, 271.495



65, 1.288, 172.721



43, 0.435, 271.508



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



64, 1.178, 271.455



81, 1.525, 271.460



64, 1.692, 296.200



33, 0.701, 271.453



24, 62.064, 295.776



1, 4.646, 272.412

Inverse Universe

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



64, 1.290, 353.501



81, 1.671, 353.531



65, 1.669, 115.918



33, 0.768, 353.486



29, 55.830, 16.688



1, 4.950, 354.789

Previews

White Background



This preview shows how the CIELCh color 64, 1.179, 271.525 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, 1.179, 271.525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

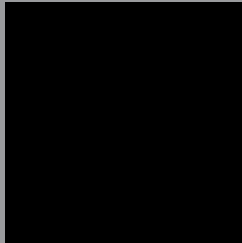
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

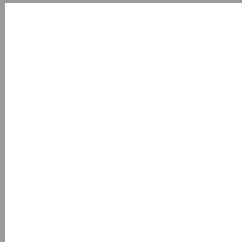
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 1.179, 271.525

Background



This preview shows how black text looks on a background with the CIELCh color 64, 1.179, 271.525.



This preview shows how white text looks on a background with the CIELCh color 64, 1.179, 271.525.

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, 1.179, 271.525

Protanopia

64, 2.045, 324.439

Deuteranopia

64, 8.604, 349.092



Tritanopia
64, 6.715, 294.077

Trichromacy



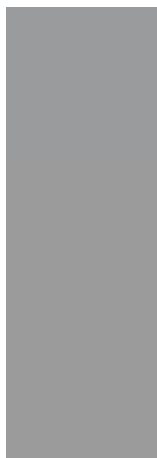
Original Color
64, 1.179, 271.525

Protanomaly
64, 1.854, 314.669

Deuteranomaly
64, 5.721, 344.184

Tritanomaly
64, 5.045, 294.988

Monochromacy



Original Color
64, 1.179, 271.525

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 0.565, 290.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 1.179, 271.525 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(154, 155, 157)` looks like.

```
.text, #text, p{  
    color:rgb(154, 155, 157)  
}
```

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(154, 155, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 155, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 1.179, 271.525 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(154, 155, 157) }
```

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

```
.border{ border-color:rgb(154, 155, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 155, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 155, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 155, 157);  
box-shadow:4px 4px 4px 4px rgb(154, 155,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 1.179, 271.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 155, 157) }
```

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

```
.background{ background-color: rgb(154,  
155, 157) }
```

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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