

Converting Colors

CIELCh(64, 4.073, 126.348)

Have a look what the booklet for
CIELCh(64, 4.073, 126.348) contains.

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Color

CIELCh(64, 4.069, 126.350)

Conversions

Conversions Part 1

Format	Color
Hex	999C95
RGB	153, 156, 149
RGB Percent	60%, 61%, 58%
CMY	0.3993, 0.3875, 0.4150
CMYK	0.02, 0.00, 0.04, 0.39
HSL	86°, 3%, 60%
HSV	86°, 4%, 61%
XYZ	30.5274, 32.8017, 33.2297
YIQ	154.3050, 0.4590, -2.8130

Conversions

Conversions Part 2

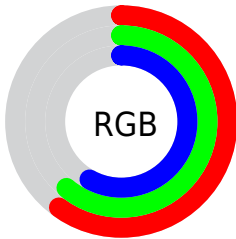
Format	Color
RYB	149, 156, 152
Decimal	10067093
CIELab	64.00, -2.41, 3.28
CIELCh	64, 4.069, 126.350
Yxy	32.8017, 0.3162, 0.3397
Android (android.graphics.Color)	4288257173 (0xFF999C95)
YUV	154.3050, -2.6154, -1.1445
Hunter-Lab	57.2727, -5.0836, 5.6908

Details

The CIELCh color $64, 4.069, 126.350$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 4.112, 306.732$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 3.847, 126.406$, and $44, 4.373, 126.255$ is the 20% darker color. If you saturate the color by 10%, you get $63, 13.174, 125.872$, and if you desaturate by 10%, it is $65, 5.011, 306.771$.

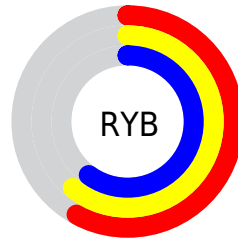
Distribution



Red (60%)

Green (61%)

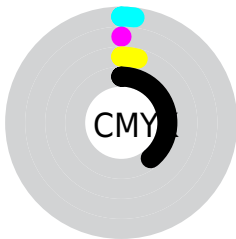
Blue (58%)



Red (58%)

Yellow (61%)

Blue (60%)

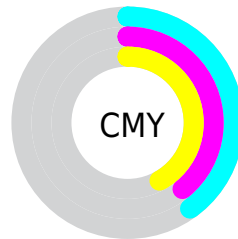


Cyan (2%)

Magenta (0%)

Yellow (4%)

Black (39%)



Cyan (40%)

Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 4.069, 126.350 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, 4.069, 126.350 by changing the saturation by 10% instead.

■ 64, 4.069, 126.350

■ 64, 4.069, 126.350

■ 100, 4.069,
126.350

■ 54, 4.069, 126.350

■ 84, 4.069, 126.350

■ 44, 4.069, 126.350

■ 94, 4.069, 126.350

■ 34, 4.069, 126.350

■ 24, 4.069, 126.350

■ 14, 4.069, 126.350

■ 4, 4.069, 126.350

■ 0, 4.069, 126.350

■ 64, 4.069, 126.350

■ 64, 4.069, 126.350

■ 63, 13.174,

■ 65, 5.011, 306.771

125.872

66, 14.032,
307.197

62, 22.244,
125.378

67, 22.964,
307.582

61, 31.202,
124.884

68, 31.786,
307.932

61, 39.935,
124.417

69, 40.484,
308.249

60, 48.279,
124.019

71, 49.048,
308.536

60, 55.997,
123.757

72, 55.685,
309.227

59, 62.769,
123.724

72, 56.132,
311.406

59, 68.213,
124.036

73, 56.651,
313.579

58, 72.020,
124.796

Harmonies

Complementary

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



64, 4.069, 126.350



62, 4.112, 306.732

Rectangle

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



64, 4.069, 126.350



64, 4.069, 176.350



64, 4.069, 306.350



64, 4.069, 356.350

Sweetspot

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



64, 4.071, 126.359



82, 1.120, 126.583



63, 2.260, 65.276



43, 0.635, 126.592



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, 4.071, 126.359



81, 5.643, 126.328



64, 4.640, 142.001



33, 3.112, 126.306



53, 69.001, 125.152



4, 6.846, 127.597

Inverse Universe

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



62, 4.112, 306.732



79, 5.703, 306.764



62, 4.658, 322.355



32, 3.146, 306.787



20, 82.068, 310.628



1, 6.779, 305.743

Previews

White Background



This preview shows how the CIELCh color 64, 4.069, 126.350 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, 4.069, 126.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

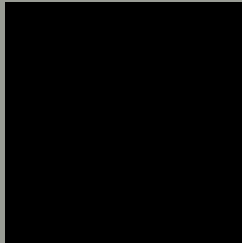
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

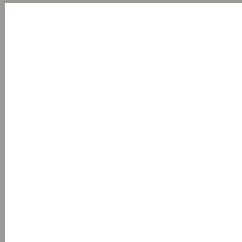
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 4.069, 126.350

Background



This preview shows how black text looks on a background with the CIELCh color 64, 4.069, 126.350.



This preview shows how white text looks on a background with the CIELCh color 64, 4.069, 126.350.

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, 4.069, 126.350

Protanopia

64, 3.852, 79.258

Deuteranopia

64, 8.686, 20.184



Tritanopia
64, 6.750, 297.235

Trichromacy



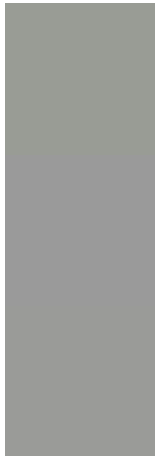
Original Color
64, 4.069, 126.350

Protanomaly
64, 3.957, 98.359

Deuteranomaly
64, 5.213, 32.069

Tritanomaly
64, 2.792, 290.496

Monochromacy



Original Color
64, 4.069, 126.350

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.711, 122.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 4.069, 126.350 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(153, 156, 149)` looks like.

```
.text, #text, p{  
    color:rgb(153, 156, 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(153, 156, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 156, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 4.069, 126.350 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(153, 156, 149) }
```

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

```
.border{ border-color:rgb(153, 156, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 156, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 156, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 156, 149);  
box-shadow:4px 4px 4px 4px rgb(153, 156,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 4.069, 126.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 156, 149) }
```

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

```
.background{ background-color: rgb(153,  
156, 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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