

Converting Colors

CIELCh(64, 6.955, 142.051)

Have a look what the booklet for
CIELCh(64, 6.955, 142.051) contains.

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Color

CIELCh(64, 7.270, 141.648)

Conversions

Conversions Part 1

Format	Color
Hex	949E93
RGB	148, 158, 147
RGB Percent	58%, 62%, 58%
CMY	0.4201, 0.3808, 0.4240
CMYK	0.06, 0.00, 0.07, 0.38
HSL	115°, 5%, 60%
HSV	115°, 7%, 62%
XYZ	29.6560, 32.8017, 32.3246
YIQ	153.7560, -2.4290, -5.5410

Conversions

Conversions Part 2

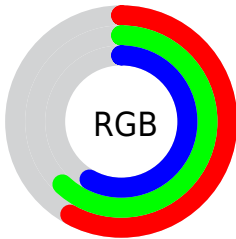
Format	Color
RYB	147, 158, 157
Decimal	9739923
CIELab	64.00, -5.70, 4.51
CIELCh	64, 7.270, 141.648
Yxy	32.8017, 0.3129, 0.3461
Android (android.graphics.Color)	4287930003 (0xFF949E93)
YUV	153.7560, -3.3307, -5.0480
Hunter-Lab	57.2727, -7.7994, 6.6278

Details

The CIELCh color $64, 7.270, 141.648$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 7.295, 322.277$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 7.514, 141.926$, and $44, 7.816, 141.482$ is the 20% darker color. If you saturate the color by 10%, you get $63, 17.807, 141.064$, and if you desaturate by 10%, it is $66, 3.151, 322.048$.

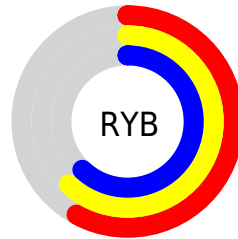
Distribution



Red (58%)

Green (62%)

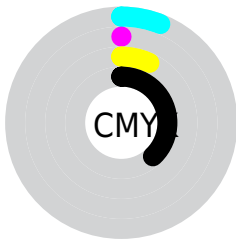
Blue (58%)



Red (58%)

Yellow (62%)

Blue (62%)

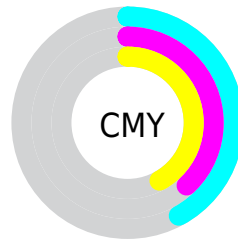


Cyan (6%)

Magenta (0%)

Yellow (7%)

Black (38%)



Cyan (42%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 7.270, 141.648 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, 7.270, 141.648 by changing the saturation by 10% instead.

■ 64, 7.270, 141.648

■ 64, 7.270, 141.648

■ 100, 7.270,
141.648

■ 54, 7.270, 141.648

■ 84, 7.270, 141.648

■ 44, 7.270, 141.648

■ 94, 7.270, 141.648

■ 34, 7.270, 141.648

■ 24, 7.270, 141.648

■ 14, 7.270, 141.648

■ 4, 7.270, 141.648

■ 0, 7.270, 141.648

■ 64, 7.270, 141.648

■ 64, 7.270, 141.648

■ 63, 17.807,

■ 66, 3.151, 322.048

141.064

67, 13.384,
322.513

61, 28.344,
140.403

69, 23.373,
322.874

60, 38.729,
139.656

71, 33.090,
323.179

59, 48.758,
138.832

73, 42.516,
323.437

58, 58.167,
137.961

75, 51.647,
323.656

58, 66.619,
137.103

77, 59.455,
324.488

57, 73.710,
136.359

78, 60.398,
326.499

57, 79.017,
135.854

57, 82.347,
135.645

Harmonies

Complementary

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



64, 7.270, 141.648



62, 7.295, 322.277

Rectangle

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



64, 7.270, 141.648



64, 7.270, 191.648



64, 7.270, 321.648



64, 7.270, 11.648

Sweetspot

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



64, 7.272, 141.649



82, 2.557, 141.966



64, 5.500, 105.082



43, 1.450, 141.978



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, 7.272, 141.649



81, 10.297, 141.582



64, 5.620, 158.172



33, 5.918, 141.520



51, 77.225, 135.492



3, 7.728, 142.103

Inverse Universe

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



62, 7.295, 322.277



78, 10.329, 322.338



62, 5.659, 339.088



31, 5.936, 322.393



31, 75.475, 324.772



1, 7.672, 321.428

Previews

White Background



This preview shows how the CIELCh color 64, 7.270, 141.648 looks on a white background.

Color Contrast Check

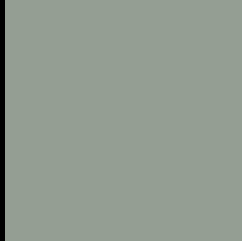
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 64, 7.270, 141.648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

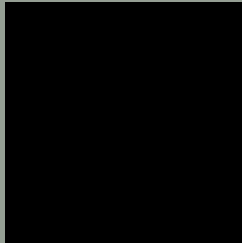
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 7.270, 141.648

Background



This preview shows how black text looks on a background with the CIELCh color 64, 7.270, 141.648.



This preview shows how white text looks on a background with the CIELCh color 64, 7.270, 141.648.

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

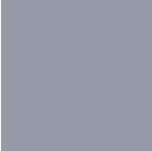
64, 7.270, 141.648

Protanopia

64, 5.520, 84.215

Deuteranopia

64, 8.725, 23.812



Tritanopia
64, 6.826, 278.423

Trichromacy



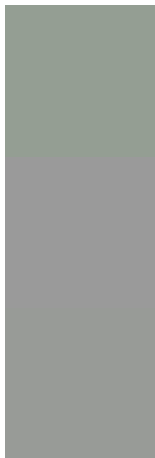
Original Color
64, 7.270, 141.648

Protanomaly
64, 5.010, 105.138

Deuteranomaly
64, 4.803, 54.900

Tritanomaly
64, 3.142, 244.673

Monochromacy



Original Color
64, 7.270, 141.648

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.516, 137.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 7.270, 141.648 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(148, 158, 147)` looks like.

```
.text, #text, p{  
    color:rgb(148, 158, 147)  
}
```

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(148, 158, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 158, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 7.270, 141.648 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(148, 158, 147) }
```

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

```
.border{ border-color:rgb(148, 158, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 158, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 158, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 158, 147);  
box-shadow:4px 4px 4px 4px rgb(148, 158,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 7.270, 141.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 158, 147) }
```

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

```
.background{ background-color: rgb(148,  
158, 147) }
```

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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