

Converting Colors

CIELCh(64, 7.220, 249.908)

Have a look what the booklet for
CIELCh(64, 7.220, 249.908) contains.

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Color

CIELCh(64, 7.231, 249.779)

Conversions

Conversions Part 1

Format	Color
Hex	909DA7
RGB	144, 157, 167
RGB Percent	56%, 62%, 65%
CMY	0.4356, 0.3846, 0.3454
CMYK	0.14, 0.06, 0.00, 0.35
HSL	206°, 12%, 61%
HSV	206°, 14%, 65%
XYZ	30.5040, 32.8017, 41.2499
YIQ	154.2530, -10.9580, 0.3540

Conversions

Conversions Part 2

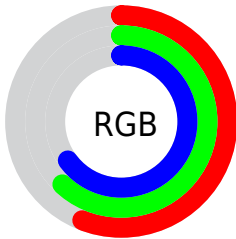
Format	Color
RYB	144, 152, 167
Decimal	9477543
CIELab	64.00, -2.50, -6.79
CIELCh	64, 7.231, 249.779
Yxy	32.8017, 0.2917, 0.3137
Android (android.graphics.Color)	4287667623 (0xFF909DA7)
YUV	154.2530, 6.2843, -8.9919
Hunter-Lab	57.2727, -5.1566, -2.6119

Details

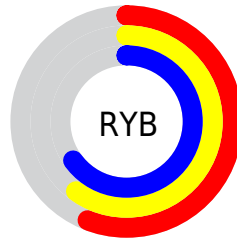
The CIELCh color $64, 7.231, 249.779$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 7.589, 66.486$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 7.105, 247.233$, and $44, 7.248, 247.284$ is the 20% darker color. If you saturate the color by 10%, you get $61, 12.330, 251.264$, and if you desaturate by 10%, it is $67, 2.005, 248.633$.

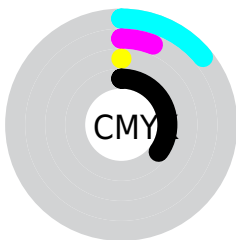
Distribution



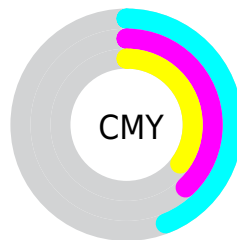
- Red (56%)
- Green (62%)
- Blue (65%)



- Red (56%)
- Yellow (60%)
- Blue (65%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (35%)



- Cyan (44%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 7.231, 249.779 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, 7.231, 249.779 by changing the saturation by 10% instead.

■ 64, 7.231, 249.779

■ 64, 7.231, 249.779

■ 100, 7.231,
249.779

■ 54, 7.231, 249.779

■ 84, 7.231, 249.779

■ 44, 7.231, 249.779

■ 94, 7.231, 249.779

■ 34, 7.231, 249.779

■ 24, 7.231, 249.779

■ 14, 7.231, 249.779

■ 4, 7.231, 249.779

■ 0, 7.231, 249.779

■ 64, 7.231, 249.779

■ 64, 7.231, 249.779

■ 61, 12.330,

■ 67, 2.005, 248.633

251.264

71, 3.313, 67.279

58, 17.273,
253.082

74, 8.698, 66.451

55, 22.029,
255.276

77, 14.124, 65.706

52, 26.577,
257.915

80, 19.571, 65.060

49, 30.918,
261.058

84, 25.023, 64.500

46, 35.077,
264.744

87, 28.793, 67.228

43, 39.121,
268.959

88, 29.859, 75.668

41, 43.151,
273.606

90, 31.533, 83.327

39, 45.738,
276.469

Harmonies

Complementary

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



64, 7.231, 249.779



64, 7.589, 66.486

Rectangle

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



64, 7.231, 249.779



64, 7.231, 299.779



64, 7.231, 69.779



64, 7.231, 119.779

Sweetspot

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



64, 7.230, 249.767



85, 2.625, 248.655



66, 11.371, 159.160



45, 1.879, 248.715



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 7.230, 249.767



80, 10.990, 250.262



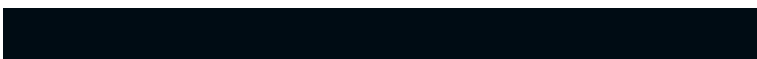
61, 12.103, 288.883



34, 3.004, 249.196



35, 41.484, 275.935



3, 5.810, 256.580

Inverse Universe

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



62, 11.505, 341.343



77, 17.609, 341.648



67, 11.785, 105.981



33, 4.736, 340.964



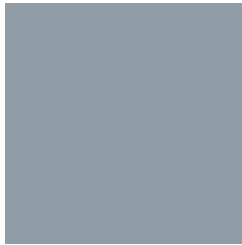
32, 57.579, 355.277



2, 8.117, 344.229

Previews

White Background



This preview shows how the CIELCh color 64, 7.231, 249.779 looks on a white background.

Color Contrast Check

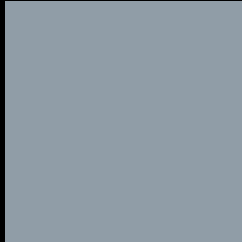
Large Text (above 18pt) WCAG AA × Fail

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, 7.231, 249.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

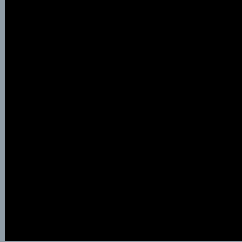
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

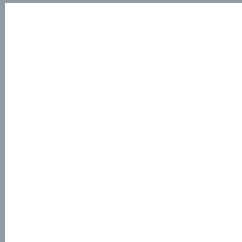
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 7.231, 249.779

Background



This preview shows how black text looks on a background with the CIELCh color 64, 7.231, 249.779.



This preview shows how white text looks on a background with the CIELCh color 64, 7.231, 249.779.

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

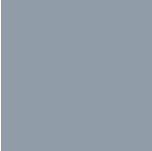
64, 7.231, 249.779

Protanopia

64, 6.158, 294.315

Deuteranopia

64, 10.718, 318.157



Tritanopia
64, 8.087, 255.207

Trichromacy



Original Color
64, 7.231, 249.779

Protanomaly
64, 6.285, 277.231

Deuteranomaly
64, 8.530, 301.090

Tritanomaly
64, 7.650, 252.642

Monochromacy



Original Color
64, 7.231, 249.779

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.896, 249.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 7.231, 249.779 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(144, 157, 167)` looks like.

```
.text, #text, p{  
    color:rgb(144, 157, 167)  
}
```

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(144, 157, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 157, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 7.231, 249.779 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(144, 157, 167) }
```

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

```
.border{ border-color:rgb(144, 157, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 157, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 157, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 157, 167);  
box-shadow:4px 4px 4px 4px rgb(144, 157,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 7.231, 249.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 157, 167) }
```

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

```
.background{ background-color: rgb(144,  
157, 167) }
```

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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