

Converting Colors

CIELCh(64, 7.157, 138.522)

Have a look what the booklet for
CIELCh(64, 7.157, 138.522) contains.

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Color

CIELCh(64, 7.557, 136.991)

Conversions

Conversions Part 1

Format	Color
Hex	959E92
RGB	149, 158, 146
RGB Percent	58%, 62%, 57%
CMY	0.4167, 0.3814, 0.4284
CMYK	0.06, 0.00, 0.08, 0.38
HSL	105°, 6%, 60%
HSV	105°, 8%, 62%
XYZ	29.7020, 32.8017, 31.8590
YIQ	153.9410, -1.5120, -5.6400

Conversions

Conversions Part 2

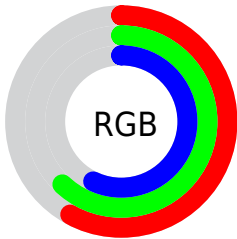
Format	Color
RYB	146, 158, 155
Decimal	9805458
CIELab	64.00, -5.53, 5.15
CIELCh	64, 7.557, 136.991
Yxy	32.8017, 0.3148, 0.3476
Android (android.graphics.Color)	4287995538 (0xFF959E92)
YUV	153.9410, -3.9149, -4.3333
Hunter-Lab	57.2727, -7.6560, 7.1098

Details

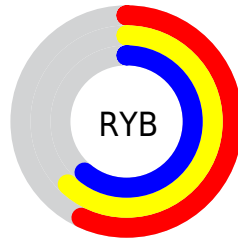
The CIELCh color $64, 7.557, 136.991$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 7.605, 317.592$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 7.782, 137.642$, and $44, 7.597, 138.914$ is the 20% darker color. If you saturate the color by 10%, you get $63, 17.572, 136.504$, and if you desaturate by 10%, it is $65, 2.375, 317.324$.

Distribution



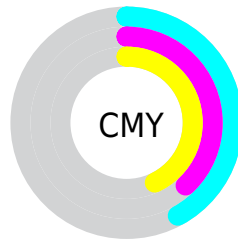
- Red (58%)
- Green (62%)
- Blue (57%)



- Red (57%)
- Yellow (62%)
- Blue (61%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 7.557, 136.991 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, 7.557, 136.991 by changing the saturation by 10% instead.

■ 64, 7.557, 136.991

■ 64, 7.557, 136.991

■ 100, 7.557,
136.991

■ 54, 7.557, 136.991

■ 84, 7.557, 136.991

■ 44, 7.557, 136.991

■ 94, 7.557, 136.991

■ 34, 7.557, 136.991

■ 24, 7.557, 136.991

■ 14, 7.557, 136.991

■ 4, 7.557, 136.991

■ 0, 7.557, 136.991

■ 64, 7.557, 136.991

■ 64, 7.557, 136.991

■ 63, 17.572,

■ 65, 2.375, 317.324

136.504

67, 12.167,
317.748

62, 27.577,
135.970

68, 21.777,
318.072

61, 37.455,
135.392

70, 31.176,
318.349

60, 47.040,
134.792

72, 40.348,
318.586

59, 56.108,
134.211

73, 49.286,
318.789

58, 64.358,
133.720

75, 57.443,
319.233

58, 71.406,
133.421

77, 58.875,
322.968

57, 76.842,
133.438

78, 60.478,
326.501

57, 80.514,
133.790

Harmonies

Complementary

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



64, 7.557, 136.991



62, 7.605, 317.592

Rectangle

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



64, 7.557, 136.991



64, 7.557, 186.991



64, 7.557, 316.991



64, 7.557, 6.991

Sweetspot

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



64, 7.559, 136.993



82, 2.436, 137.294



64, 5.126, 96.329



43, 1.381, 137.305



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, 7.559, 136.993



81, 11.038, 136.919



64, 6.849, 151.883



33, 5.635, 136.915



52, 75.485, 133.748



3, 7.386, 137.693

Inverse Universe

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



62, 7.605, 317.592



77, 11.111, 317.661



62, 6.876, 332.782



31, 5.672, 317.665



27, 77.013, 319.163



1, 7.288, 316.208

Previews

White Background



This preview shows how the CIELCh color 64, 7.557, 136.991 looks on a white background.

Color Contrast Check

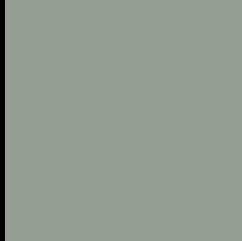
Large Text (above 18pt) WCAG AA × Fail

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, 7.557, 136.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

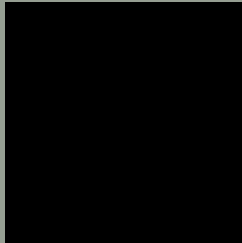
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

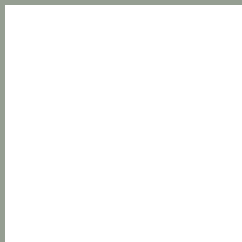
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 7.557, 136.991

Background



This preview shows how black text looks on a background with the CIELCh color 64, 7.557, 136.991.



This preview shows how white text looks on a background with the CIELCh color 64, 7.557, 136.991.

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, 7.557, 136.991

Protanopia

64, 6.030, 86.377

Deuteranopia

64, 9.310, 30.465



Tritanopia
64, 6.764, 281.473

Trichromacy



Original Color
64, 7.557, 136.991

Protanomaly
64, 5.565, 105.517

Deuteranomaly
64, 5.462, 57.180

Tritanomaly
64, 2.500, 241.490

Monochromacy



Original Color
64, 7.557, 136.991

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, 7.557, 136.991 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, 158, 146)` looks like.

```
.text, #text, p{  
    color:rgb(149, 158, 146)  
}
```

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, 158, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 158, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 7.557, 136.991 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, 158, 146) }
```

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

```
.border{ border-color:rgb(149, 158, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 158, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 158, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 158, 146);  
box-shadow:4px 4px 4px 4px rgb(149, 158,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 7.557, 136.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 158, 146) }
```

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

```
.background{ background-color: rgb(149,  
158, 146) }
```

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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