

Converting Colors

CIELCh(64, 10.617, 134.680)

Have a look what the booklet for
CIELCh(64, 10.617, 134.680)
contains.

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Color

CIELCh(64, 11.076, 134.208)

Conversions

Conversions Part 1

Format	Color
Hex	939F8D
RGB	147, 159, 141
RGB Percent	58%, 62%, 55%
CMY	0.4245, 0.3775, 0.4481
CMYK	0.08, 0.00, 0.11, 0.38
HSL	100°, 9%, 59%
HSV	100°, 11%, 62%
XYZ	29.1288, 32.8017, 29.8962
YIQ	153.3600, -1.3740, -8.1420

Conversions

Conversions Part 2

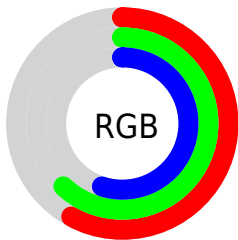
Format	Color
RYB	141, 159, 153
Decimal	9674637
CIELab	64.00, -7.72, 7.94
CIELCh	64, 11.076, 134.208
Yxy	32.8017, 0.3172, 0.3572
Android (android.graphics.Color)	4287864717 (0xFF939F8D)
YUV	153.3600, -6.0935, -5.5777
Hunter-Lab	57.2727, -9.4425, 9.1417

Details

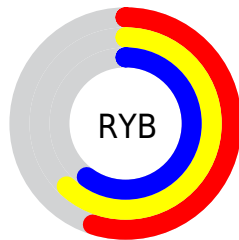
The CIELCh color $64, 11.076, 134.208$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 11.190, 315.122$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 11.107, 134.871$, and $44, 11.359, 135.269$ is the 20% darker color. If you saturate the color by 10%, you get $63, 20.897, 133.738$, and if you desaturate by 10%, it is $65, 1.294, 134.730$.

Distribution



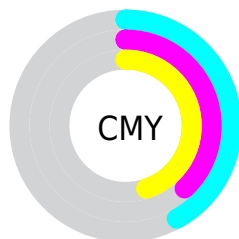
- Red (58%)
- Green (62%)
- Blue (55%)



- Red (55%)
- Yellow (62%)
- Blue (60%)



- Cyan (8%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)




- Cyan (42%)
- Magenta (38%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 11.076, 134.208 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, 11.076, 134.208 by changing the saturation by 10% instead.

 64, 11.076,
134.208


 64, 11.076,
134.208


 100, 11.076,
134.208


 54, 11.076,
134.208


 84, 11.076,
134.208

 44, 11.076,
134.208

 94, 11.076,
134.208

 34, 11.076,
134.208

 24, 11.076,
134.208

 14, 11.076,
134.208

 4, 11.076, 134.208

 0, 11.076, 134.208

64, 11.076,
134.208

64, 11.076,
134.208

63, 20.897,
133.738

65, 1.294, 134.730

62, 30.664,
133.234

67, 8.391, 314.979

61, 40.257,
132.711

68, 17.933,
315.320

60, 49.504,
132.202

69, 27.303,
315.614

59, 58.168,
131.762

71, 36.479,
315.868

59, 65.930,
131.476

73, 45.452,
316.088


58, 72.395,
131.460


74, 54.216,
316.278

58, 77.181,

75, 56.816,
319.088

131.831

 77, 58.091,
322.470

 58, 80.178,
132.345

Harmonies

Complementary

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



64, 11.076, 134.208



60, 11.190, 315.122

Rectangle

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



64, 11.076, 134.208



64, 11.076, 184.208



64, 11.076, 314.208



64, 11.076, 4.208

Sweetspot

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



64, 11.078, 134.210



82, 3.613, 134.598



63, 7.080, 89.717



44, 2.763, 134.557



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 11.078, 134.210



81, 16.968, 134.075



64, 10.927, 148.699



33, 5.502, 134.305



52, 74.092, 132.218



3, 7.225, 135.224

Inverse Universe

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



60, 11.190, 315.122



75, 17.176, 315.248



61, 10.957, 330.041



31, 5.550, 315.032



25, 78.152, 316.541



1, 7.129, 313.553

Previews

White Background



This preview shows how the CIELCh color 64, 11.076, 134.208 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, 11.076, 134.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

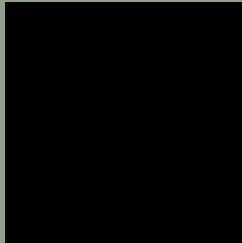
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

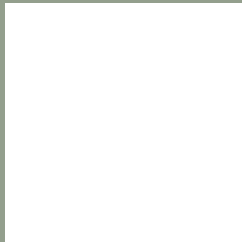
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 11.076, 134.208

Background



This preview shows how black text looks on a background with the CIELCh color 64, 11.076, 134.208.



This preview shows how white text looks on a background with the CIELCh color 64, 11.076, 134.208.

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

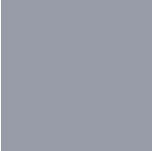
64, 11.076, 134.208

Protanopia

64, 9.314, 91.630

Deuteranopia

64, 10.611, 38.479



Tritanopia
64, 6.826, 278.423

Trichromacy



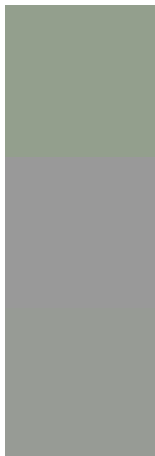
Original Color
64, 11.076, 134.208

Protanomaly
64, 9.429, 109.149

Deuteranomaly
64, 7.521, 73.770

Tritanomaly
64, 2.693, 211.304

Monochromacy



Original Color
64, 11.076, 134.208

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 3.693, 134.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 11.076, 134.208 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(147, 159, 141)` looks like.

```
.text, #text, p{  
    color:rgb(147, 159, 141)  
}
```

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(147, 159, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 159, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 11.076, 134.208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

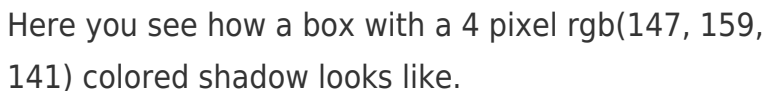
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 159, 141) }
```

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

```
.border{ border-color:rgb(147, 159, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 159, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 159, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 159, 141); box-shadow:4px 4px 4px 4px rgb(147, 159, 141) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 11.076, 134.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 159, 141) }
```

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

```
.background{ background-color: rgb(147,  
159, 141) }
```

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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