

Converting Colors

CIELCh(64, 9.704, 144.443)

Have a look what the booklet for
CIELCh(64, 9.704, 144.443) contains.

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Color

CIELCh(64, 9.532, 143.960)

Conversions

Conversions Part 1

Format	Color
Hex	919F91
RGB	145, 159, 145
RGB Percent	57%, 62%, 57%
CMY	0.4319, 0.3770, 0.4319
CMYK	0.09, 0.00, 0.09, 0.38
HSL	120°, 7%, 60%
HSV	120°, 9%, 62%
XYZ	29.1328, 32.8017, 31.5337
YIQ	153.2180, -3.8500, -7.3220

Conversions

Conversions Part 2

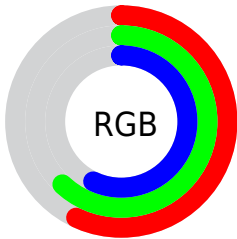
Format	Color
RYB	145, 159, 159
Decimal	9543569
CIELab	64.00, -7.71, 5.61
CIELCh	64, 9.532, 143.960
Yxy	32.8017, 0.3117, 0.3509
Android (android.graphics.Color)	4287733649 (0xFF919F91)
YUV	153.2180, -4.0515, -7.2072
Hunter-Lab	57.2727, -9.4302, 7.4465

Details

The CIELCh color $64, 9.532, 143.960$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 9.549, 324.892$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 9.652, 144.066$, and $44, 9.509, 143.780$ is the 20% darker color. If you saturate the color by 10%, you get $63, 20.453, 143.282$, and if you desaturate by 10%, it is $66, 1.283, 324.335$.

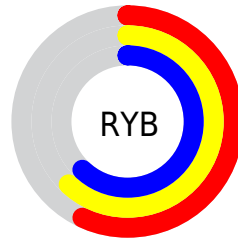
Distribution



Red (57%)

Green (62%)

Blue (57%)



Red (57%)

Yellow (62%)

Blue (62%)

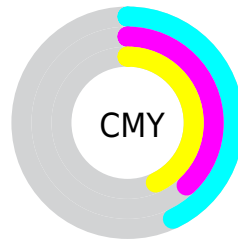


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (38%)



Cyan (43%)

Magenta (38%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 9.532, 143.960 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, 9.532, 143.960 by changing the saturation by 10% instead.

64, 9.532, 143.960

64, 9.532, 143.960

100, 9.532,
143.960

54, 9.532, 143.960

84, 9.532, 143.960

44, 9.532, 143.960

94, 9.532, 143.960

34, 9.532, 143.960

24, 9.532, 143.960

14, 9.532, 143.960

4, 9.532, 143.960

0, 9.532, 143.960

64, 9.532, 143.960

64, 9.532, 143.960

63, 20.453,

66, 1.283, 324.335

143.282

67, 11.898,
324.966

61, 31.334,
142.500

69, 22.243,
325.382

60, 41.982,
141.601

71, 32.281,
325.730

59, 52.150,
140.590

74, 41.992,
326.026

58, 61.527,
139.496

76, 51.369,
326.277

58, 69.740,
138.384

78, 59.808,
326.479

57, 76.369,
137.364

57, 81.019,
136.575

57, 83.791,
136.073

Harmonies

Complementary

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



64, 9.532, 143.960



62, 9.549, 324.892

Rectangle

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



64, 9.532, 143.960



64, 9.532, 193.960



64, 9.532, 323.960



64, 9.532, 13.960

Sweetspot

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



64, 9.534, 143.960



82, 3.996, 144.341



65, 7.742, 109.344



44, 3.057, 144.284



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, 9.534, 143.960



81, 14.760, 143.805



64, 6.646, 162.984



33, 6.095, 143.933



51, 77.781, 136.016



3, 7.943, 144.443

Inverse Universe

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



62, 9.549, 324.892



77, 14.779, 325.025



62, 6.726, 344.319



31, 6.104, 324.916



34, 75.046, 328.233



1, 7.944, 324.439

Previews

White Background



This preview shows how the CIELCh color 64, 9.532, 143.960 looks on a white background.

Color Contrast Check

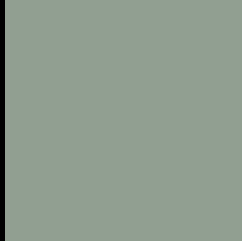
Large Text (above 18pt) WCAG AA × Fail

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, 9.532, 143.960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

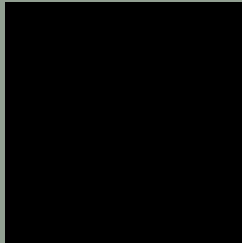
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

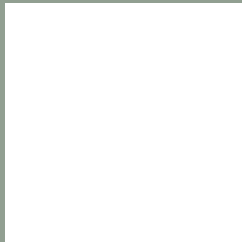
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 9.532, 143.960

Background



This preview shows how black text looks on a background with the CIELCh color 64, 9.532, 143.960.



This preview shows how white text looks on a background with the CIELCh color 64, 9.532, 143.960.

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, 9.532, 143.960

Protanopia

64, 7.214, 86.727

Deuteranopia

64, 9.310, 30.465



Tritanopia
64, 7.113, 269.743

Trichromacy



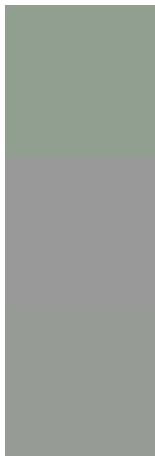
Original Color
64, 9.532, 143.960

Protanomaly
64, 7.228, 112.515

Deuteranomaly
64, 5.533, 64.173

Tritanomaly
64, 3.732, 225.908

Monochromacy



Original Color
64, 9.532, 143.960

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 3.402, 144.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 9.532, 143.960 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(145, 159, 145)` looks like.

```
.text, #text, p{  
    color:rgb(145, 159, 145)  
}
```

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(145, 159, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 159, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 9.532, 143.960 is called "border". The border property can be set on classes, ids or directly on the HTML element.

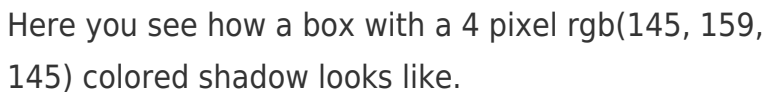
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 159, 145) }
```

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

```
.border{ border-color:rgb(145, 159, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 159, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 159, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 159, 145); box-shadow:4px 4px 4px 4px rgb(145, 159, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 9.532, 143.960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 159, 145) }
```

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

```
.background{ background-color: rgb(145,  
159, 145) }
```

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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