

Converting Colors

CIELCh(64, 9.149, 104.619)

Have a look what the booklet for
CIELCh(64, 9.149, 104.619) contains.

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Color

CIELCh(64, 9.456, 104.306)

Conversions

Conversions Part 1

Format	Color
Hex	9E9C8B
RGB	158, 156, 139
RGB Percent	62%, 61%, 55%
CMY	0.3813, 0.3891, 0.4558
CMYK	0.00, 0.01, 0.12, 0.38
HSL	54°, 9%, 58%
HSV	54°, 12%, 62%
XYZ	30.5475, 32.8017, 29.0601
YIQ	154.6600, 6.6490, -4.8630

Conversions

Conversions Part 2

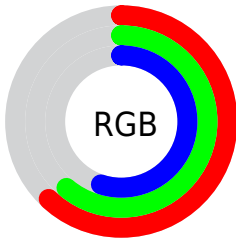
Format	Color
RYB	141, 158, 139
Decimal	10394763
CIELab	64.00, -2.34, 9.16
CIElCh	64, 9.456, 104.306
Yxy	32.8017, 0.3306, 0.3550
Android (android.graphics.Color)	4288584843 (0xFF9E9C8B)
YUV	154.6600, -7.7204, 2.9292
Hunter-Lab	57.2727, -5.0209, 10.0073

Details

The CIELCh color $64, 9.456, 104.306$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 9.657, 286.901$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 9.507, 102.553$, and $44, 9.557, 103.575$ is the 20% darker color. If you saturate the color by 10%, you get $63, 17.312, 103.268$, and if you desaturate by 10%, it is $65, 1.594, 105.296$.

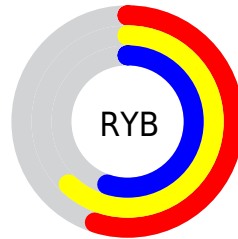
Distribution



Red (62%)

Green (61%)

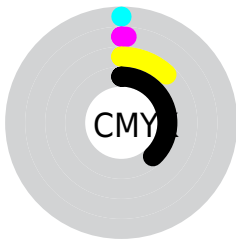
Blue (55%)



Red (55%)

Yellow (62%)

Blue (55%)

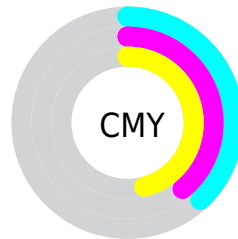


Cyan (0%)

Magenta (1%)

Yellow (12%)

Black (38%)



Cyan (38%)

Magenta (39%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 9.456, 104.306 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, 9.456, 104.306 by changing the saturation by 10% instead.

■ 64, 9.456, 104.306

■ 64, 9.456, 104.306

■ 100, 9.456,
104.306

■ 54, 9.456, 104.306

■ 84, 9.456, 104.306

■ 44, 9.456, 104.306

■ 94, 9.456, 104.306

■ 34, 9.456, 104.306

■ 24, 9.456, 104.306

■ 14, 9.456, 104.306

■ 4, 9.456, 104.306

■ 0, 9.456, 104.306

■ 64, 9.456, 104.306

■ 64, 9.456, 104.306

■ 63, 17.312,

■ 65, 1.594, 105.296

103.268

66, 6.250, 286.366

62, 25.109,
102.207

67, 14.054,
287.321

62, 32.767,
101.144

68, 21.810,
288.242

61, 40.156,
100.095

69, 29.509,
289.122

60, 47.066, 99.076

70, 37.147,
289.959

60, 53.182, 98.104

71, 44.721,
290.752

59, 58.077, 97.194

59, 61.300, 96.349

71, 46.886,
290.538

58, 62.936, 95.708

72, 45.947,
289.735

Harmonies

Complementary

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



64, 9.456, 104.306



59, 9.657, 286.901

Rectangle

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



64, 9.456, 104.306



64, 9.456, 154.306



64, 9.456, 284.306



64, 9.456, 334.306

Sweetspot

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



64, 9.457, 104.315



82, 3.865, 105.117



59, 7.656, 10.777



43, 2.742, 105.049



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, 9.457, 104.315



81, 13.561, 104.084



64, 10.939, 124.306



33, 4.448, 104.601



53, 58.543, 95.775



4, 5.702, 104.480

Inverse Universe

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



59, 9.657, 286.901



73, 13.897, 287.175



59, 11.164, 305.507



31, 4.523, 286.573



17, 81.522, 304.501



1, 5.868, 285.823

Previews

White Background



This preview shows how the CIELCh color 64, 9.456, 104.306 looks on a white background.

Color Contrast Check

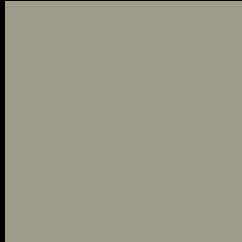
Large Text (above 18pt) WCAG AA × Fail

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, 9.456, 104.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

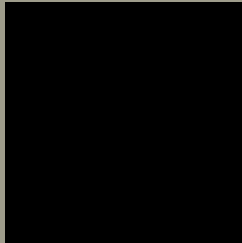
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

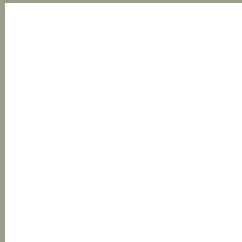
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 9.456, 104.306

Background



This preview shows how black text looks on a background with the CIELCh color 64, 9.456, 104.306.



This preview shows how white text looks on a background with the CIELCh color 64, 9.456, 104.306.

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, 9.456, 104.306

Protanopia

64, 9.835, 92.520

Deuteranopia

64, 11.702, 45.416



Tritanopia
64, 7.550, 317.577

Trichromacy



Original Color
64, 9.456, 104.306

Protanomaly
64, 9.637, 97.132

Deuteranomaly
64, 9.507, 59.739

Tritanomaly
64, 2.931, 357.215

Monochromacy



Original Color
64, 9.456, 104.306

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.887, 109.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 9.456, 104.306 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(158, 156, 139)` looks like.

```
.text, #text, p{  
    color:rgb(158, 156, 139)  
}
```

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(158, 156, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 156, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 9.456, 104.306 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(158, 156, 139) }
```

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

```
.border{ border-color:rgb(158, 156, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 156, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 156, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 156, 139);  
box-shadow:4px 4px 4px 4px rgb(158, 156,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 9.456, 104.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 156, 139) }
```

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

```
.background{ background-color: rgb(158,  
156, 139) }
```

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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