

Converting Colors

CIELCh(64, 11.117, 250.590)

Have a look what the booklet for
CIELCh(64, 11.117, 250.590)
contains.

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Color

CIELCh(64, 11.023, 248.579)

Conversions

Conversions Part 1

Format	Color
Hex	899EAD
RGB	137, 158, 173
RGB Percent	54%, 62%, 68%
CMY	0.4626, 0.3803, 0.3215
CMYK	0.21, 0.09, 0.00, 0.32
HSL	205°, 18%, 61%
HSV	205°, 21%, 68%
XYZ	30.0977, 32.8017, 44.2945
YIQ	153.4310, -17.3310, 0.2130

Conversions

Conversions Part 2

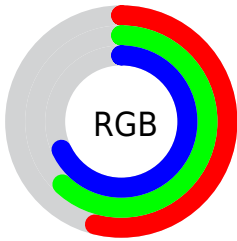
Format	Color
RYB	137, 150, 173
Decimal	9019053
CIELab	64.00, -4.03, -10.26
CIElCh	64, 11.023, 248.579
Yxy	32.8017, 0.2808, 0.3060
Android (android.graphics.Color)	4287209133 (0xFF899EAD)
YUV	153.4310, 9.6475, -14.4100
Hunter-Lab	57.2727, -6.4227, -5.7637

Details

The CIELCh color `64, 11.023, 248.579` is a light color, and the websafe version is hex `999999`. A complement of this color would be `64, 11.977, 63.690`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 10.757, 246.558`, and `44, 11.194, 247.630` is the 20% darker color. If you saturate the color by 10%, you get `61, 16.071, 250.253`, and if you desaturate by 10%, it is `67, 5.801, 247.204`.

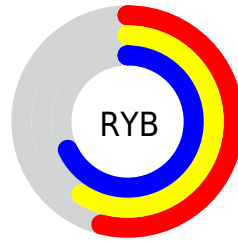
Distribution



Red (54%)

Green (62%)

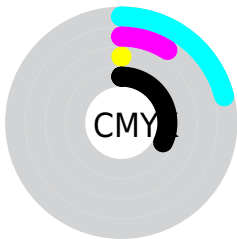
Blue (68%)



Red (54%)

Yellow (59%)

Blue (68%)

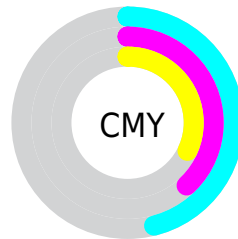


Cyan (21%)

Magenta (9%)

Yellow (0%)

Black (32%)



Cyan (46%)


Magenta (38%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 11.023, 248.579 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, 11.023, 248.579 by changing the saturation by 10% instead.


 64, 11.023,
248.579


 64, 11.023,
248.579


 100, 11.023,
248.579


 54, 11.023,
248.579


 84, 11.023,
248.579

 44, 11.023,
248.579

 94, 11.023,
248.579

 34, 11.023,
248.579

 24, 11.023,
248.579

 14, 11.023,
248.579

 4, 11.023, 248.579

 0, 11.023, 248.579

64, 11.023,
248.579

64, 11.023,
248.579

61, 16.071,
250.253

67, 5.801, 247.204

58, 20.911,
252.297

70, 0.443, 246.851

74, 5.017, 64.925

55, 25.513,
254.770

77, 10.549, 64.149

52, 29.865,
257.743

80, 16.127, 63.469

84, 21.729, 62.883

49, 33.982,
261.268

87, 26.400, 64.210

46, 37.918,
265.358

89, 27.282, 73.485

90, 28.838, 81.924

44, 41.770,
269.951

42, 45.383,

274.320

Harmonies

Complementary

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



64, 11.023, 248.579



64, 11.977, 63.690

Rectangle

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



64, 11.023, 248.579



64, 11.023, 298.579



64, 11.023, 68.579



64, 11.023, 118.579

Sweetspot

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



64, 11.022, 248.572



87, 4.002, 246.682



68, 18.133, 156.967



46, 2.649, 246.744



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 11.022, 248.572



79, 16.251, 249.309



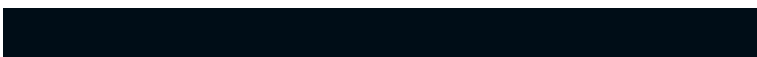
59, 18.379, 288.297



35, 3.050, 247.026



36, 40.562, 273.709



3, 6.905, 256.749

Inverse Universe

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



61, 18.207, 341.053



75, 27.087, 341.468



69, 17.713, 103.639



34, 4.917, 340.080



32, 58.701, 353.765



2, 9.626, 344.315

Previews

White Background



This preview shows how the CIELCh color 64, 11.023, 248.579 looks on a white background.

Color Contrast Check

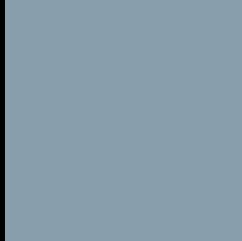
Large Text (above 18pt) WCAG AA × Fail

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, 11.023, 248.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

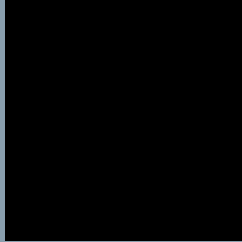
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

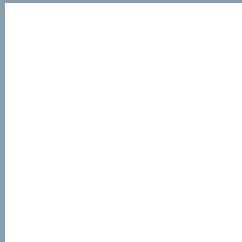
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 11.023, 248.579

Background



This preview shows how black text looks on a background with the CIELCh color 64, 11.023, 248.579.



This preview shows how white text looks on a background with the CIELCh color 64, 11.023, 248.579.

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, 11.023, 248.579

Protanopia

64, 8.931, 288.784

Deuteranopia

64, 13.954, 306.784



Tritanopia
64, 10.263, 244.098

Trichromacy



Original Color
64, 11.023, 248.579

Protanomaly
64, 9.322, 273.016

Deuteranomaly
64, 11.169, 287.654

Tritanomaly
64, 10.635, 246.416

Monochromacy



Original Color
64, 11.023, 248.579

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 4.051, 242.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 11.023, 248.579 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(137, 158, 173)` looks like.

```
.text, #text, p{  
    color:rgb(137, 158, 173)  
}
```

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(137, 158, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 158, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 11.023, 248.579 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(137, 158, 173) }
```

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

```
.border{ border-color:rgb(137, 158, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 158, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 158, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 158, 173);  
box-shadow:4px 4px 4px 4px rgb(137, 158,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 11.023, 248.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 158, 173) }
```

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

```
.background{ background-color: rgb(137,  
158, 173) }
```

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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