

Converting Colors

CIELCh(64, 11.075, 242.921)

Have a look what the booklet for
CIELCh(64, 11.075, 242.921)
contains.

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Color

CIELCh(64, 10.994, 240.283)

Conversions

Conversions Part 1

Format	Color
Hex	879FAC
RGB	135, 159, 172
RGB Percent	53%, 62%, 67%
CMY	0.4716, 0.3775, 0.3266
CMYK	0.22, 0.08, 0.00, 0.33
HSL	201°, 18%, 60%
HSV	201°, 22%, 67%
XYZ	29.7220, 32.8017, 43.6578
YIQ	153.3060, -18.4770, -1.0450

Conversions

Conversions Part 2

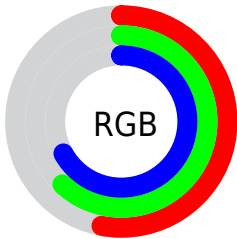
Format	Color
RYB	135, 150, 172
Decimal	8888236
CIELab	64.00, -5.45, -9.55
CIElCh	64, 10.994, 240.283
Yxy	32.8017, 0.2799, 0.3089
Android (android.graphics.Color)	4287078316 (0xFF879FAC)
YUV	153.3060, 9.2161, -16.0544
Hunter-Lab	57.2727, -7.5937, -5.1046

Details

The CIELCh color $64, 10.994, 240.283$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 12.250, 56.113$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 10.794, 238.519$, and $44, 10.910, 240.096$ is the 20% darker color. If you saturate the color by 10%, you get $61, 15.738, 241.755$, and if you desaturate by 10%, it is $67, 6.004, 239.102$.

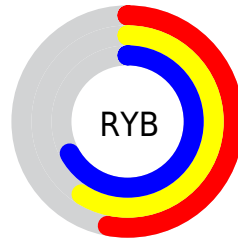
Distribution



Red (53%)

Green (62%)

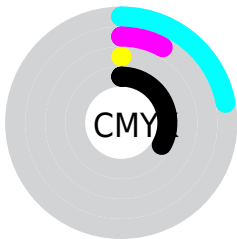
Blue (67%)



Red (53%)

Yellow (59%)

Blue (67%)

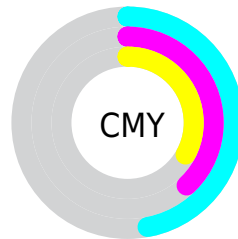


Cyan (22%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (38%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 10.994, 240.283 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, 10.994, 240.283 by changing the saturation by 10% instead.

 64, 10.994,
240.283


 64, 10.994,
240.283


 100, 10.994,
240.283


 54, 10.994,
240.283


 84, 10.994,
240.283

 44, 10.994,
240.283

 94, 10.994,
240.283

 34, 10.994,
240.283

 24, 10.994,
240.283

 14, 10.994,
240.283

 4, 10.994, 240.283

 0, 10.994, 240.283

64, 10.994,
240.283

64, 10.994,
240.283

61, 15.738,
241.755

67, 6.004, 239.102

58, 20.188,
243.592

70, 0.817, 238.573

73, 4.520, 57.161

56, 24.299,
245.863

76, 9.971, 56.560

53, 28.043,
248.647

79, 15.502, 56.038

82, 21.085, 55.599

51, 31.420,
252.020

85, 26.700, 55.232

49, 34.474,
256.024

86, 26.810, 63.163

88, 27.425, 70.893

47, 37.303,
260.634

45, 39.680,

264.746

Harmonies

Complementary

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



64, 10.994, 240.283



63, 12.250, 56.113

Rectangle

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



64, 10.994, 240.283



64, 10.994, 290.283



64, 10.994, 60.283



64, 10.994, 110.283

Sweetspot

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



64, 10.994, 240.276



87, 3.917, 238.607



67, 19.382, 154.714



46, 2.592, 238.656



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, 10.994, 240.276



80, 16.321, 240.964



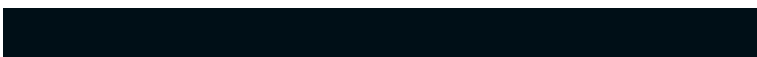
59, 17.892, 285.941



35, 2.980, 238.882



39, 35.753, 264.143



4, 6.611, 249.340

Inverse Universe

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



60, 19.594, 338.010



75, 29.441, 338.414



68, 17.338, 100.902



34, 5.149, 337.057



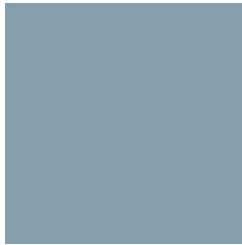
33, 60.588, 348.392



2, 10.086, 340.839

Previews

White Background



This preview shows how the CIELCh color 64, 10.994, 240.283 looks on a white background.

Color Contrast Check

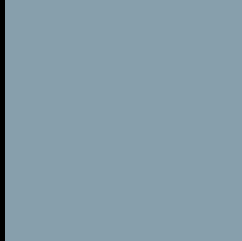
Large Text (above 18pt) WCAG AA × Fail

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, 10.994, 240.283 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

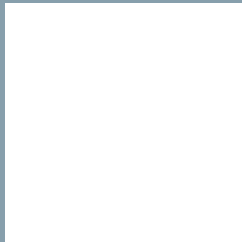
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 10.994, 240.283

Background



This preview shows how black text looks on a background with the CIELCh color 64, 10.994, 240.283.



This preview shows how white text looks on a background with the CIELCh color 64, 10.994, 240.283.

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, 10.994, 240.283

Protanopia
64, 8.374, 288.562

Deuteranopia
64, 12.884, 308.057



Tritanopia
64, 10.671, 237.840

Trichromacy



Original Color
64, 10.994, 240.283

Protanomaly
64, 8.529, 265.830

Deuteranomaly
64, 10.638, 285.445

Tritanomaly
64, 10.671, 237.840

Monochromacy



Original Color
64, 10.994, 240.283

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 4.324, 239.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 10.994, 240.283 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(135, 159, 172)` looks like.

```
.text, #text, p{  
    color:rgb(135, 159, 172)  
}
```

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(135, 159, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 159, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 10.994, 240.283 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(135, 159, 172) }
```

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

```
.border{ border-color:rgb(135, 159, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 159, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 159, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 159, 172);  
box-shadow:4px 4px 4px 4px rgb(135, 159,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 10.994, 240.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 159, 172) }
```

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

```
.background{ background-color: rgb(135,  
159, 172) }
```

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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