

Converting Colors

CIELCh(66, 7.308, 244.936)

Have a look what the booklet for
CIELCh(66, 7.308, 244.936) contains.

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Color

CIELCh(66, 7.288, 242.396)

Conversions

Conversions Part 1

Format	Color
Hex	94A3AC
RGB	148, 163, 172
RGB Percent	58%, 64%, 67%
CMY	0.4208, 0.3619, 0.3267
CMYK	0.14, 0.05, 0.00, 0.33
HSL	202°, 13%, 63%
HSV	202°, 14%, 67%
XYZ	32.6211, 35.3238, 43.9770
YIQ	159.5410, -11.8290, -0.3810

Conversions

Conversions Part 2

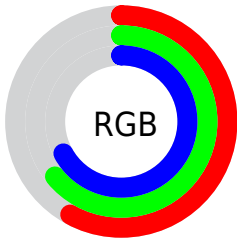
Format	Color
RYB	148, 157, 172
Decimal	9741228
CIELab	66.00, -3.38, -6.46
CIElCh	66, 7.288, 242.396
Yxy	35.3238, 0.2915, 0.3156
Android (android.graphics.Color)	4287931308 (0xFF94A3AC)
YUV	159.5410, 6.1423, -10.1215
Hunter-Lab	59.4338, -6.0371, -2.2669

Details

The CIELCh color $66, 7.288, 242.396$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 7.757, 59.497$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 7.208, 240.182$, and $46, 7.451, 245.060$ is the 20% darker color. If you saturate the color by 10%, you get $63, 12.282, 243.719$, and if you desaturate by 10%, it is $69, 2.106, 241.411$.

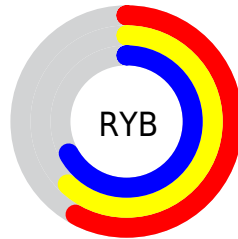
Distribution



Red (58%)

Green (64%)

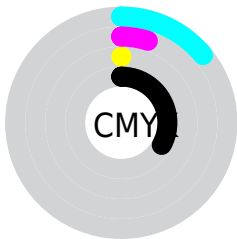
Blue (67%)



Red (58%)

Yellow (62%)

Blue (67%)

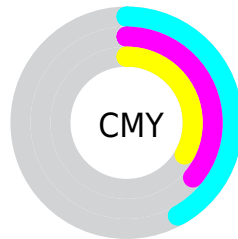


Cyan (14%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 7.288, 242.396 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 66, 7.288, 242.396 by changing the saturation by 10% instead.

■ 66, 7.288, 242.396

■ 66, 7.288, 242.396

■ 100, 7.288,
242.396

■ 56, 7.288, 242.396

■ 86, 7.288, 242.396

■ 46, 7.288, 242.396

■ 96, 7.288, 242.396

■ 36, 7.288, 242.396

■ 26, 7.288, 242.396

■ 16, 7.288, 242.396

■ 6, 7.288, 242.396

■ 0, 7.288, 242.396

■ 66, 7.288, 242.396

■ 66, 7.288, 242.396

■ 63, 12.282,

■ 69, 2.106, 241.411

243.719

72, 3.219, 60.174

60, 17.046,
245.374

75, 8.653, 59.498

57, 21.535,
247.410

78, 14.162, 58.888

55, 25.713,
249.902

81, 19.720, 58.369

52, 29.566,
252.925

85, 25.306, 57.928

49, 33.108,
256.541

87, 26.872, 64.186

47, 36.403,
260.764

88, 27.615, 72.361

45, 39.560,
265.530

44, 41.503,
268.427

Harmonies

Complementary

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



66, 7.288, 242.396



66, 7.757, 59.497

Rectangle

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



66, 7.288, 242.396



66, 7.288, 292.396



66, 7.288, 62.396



66, 7.288, 112.396

Sweetspot

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



66, 7.288, 242.384



88, 2.635, 241.416



68, 12.405, 156.085



46, 1.868, 241.462



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 7.288, 242.384



83, 10.960, 242.796



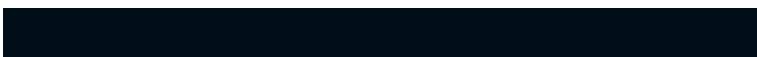
63, 11.681, 285.759



35, 2.998, 241.866



38, 37.371, 267.829



3, 6.707, 252.156

Inverse Universe

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



64, 12.447, 338.485



79, 18.870, 338.752



69, 11.429, 102.640



34, 5.063, 338.117



33, 59.837, 350.276



2, 9.912, 342.088

Previews

White Background



This preview shows how the CIELCh color 66, 7.288, 242.396 looks on a white background.

Color Contrast Check

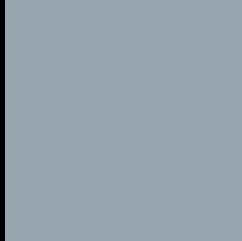
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 7.288, 242.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

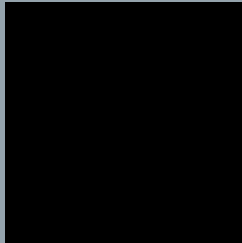
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

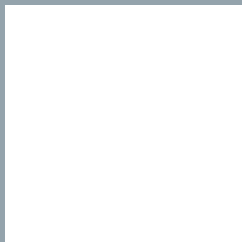
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 7.288, 242.396

Background



This preview shows how black text looks on a background with the CIELCh color 66, 7.288, 242.396.



This preview shows how white text looks on a background with the CIELCh color 66, 7.288, 242.396.

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

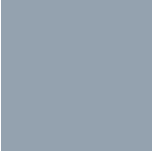
66, 7.288, 242.396

Protanopia

66, 6.122, 294.299

Deuteranopia

66, 10.834, 319.928



Tritanopia
66, 8.683, 255.475

Trichromacy



Original Color
66, 7.288, 242.396

Protanomaly
66, 6.249, 277.200

Deuteranomaly
66, 8.481, 301.075

Tritanomaly
66, 8.248, 253.115

Monochromacy



Original Color
66, 7.288, 242.396

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 2.880, 249.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 7.288, 242.396 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(148, 163, 172)` looks like.

```
.text, #text, p{  
    color:rgb(148, 163, 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(148, 163, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 163, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 7.288, 242.396 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(148, 163, 172) }
```

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

```
.border{ border-color:rgb(148, 163, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 163, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 163, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 163, 172);  
box-shadow:4px 4px 4px 4px rgb(148, 163,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 7.288, 242.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 163, 172) }
```

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

```
.background{ background-color: rgb(148,  
163, 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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