

Converting Colors

CIELCh(66, 5.929, 244.896)

Have a look what the booklet for
CIELCh(66, 5.929, 244.896) contains.

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Color

CIELCh(66, 5.924, 247.787)

Conversions

Conversions Part 1

Format	Color
Hex	97A2AA
RGB	151, 162, 170
RGB Percent	59%, 64%, 67%
CMY	0.4078, 0.3647, 0.3333
CMYK	0.11, 0.05, 0.00, 0.33
HSL	205°, 10%, 63%
HSV	205°, 11%, 67%
XYZ	32.9400, 35.3238, 43.1135
YIQ	159.6230, -9.1240, 0.1560

Conversions

Conversions Part 2

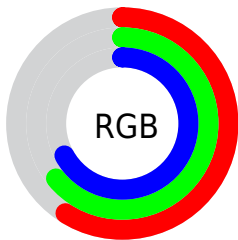
Format	Color
RYB	151, 158, 170
Decimal	9937578
CIELab	66.00, -2.24, -5.48
CIELCh	66, 5.924, 247.787
Yxy	35.3238, 0.2958, 0.3172
Android (android.graphics.Color)	4288127658 (0xFF97A2AA)
YUV	159.6230, 5.1159, -7.5624
Hunter-Lab	59.4338, -5.0791, -1.4055

Details

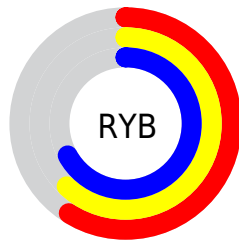
The CIELCh color $66, 5.924, 247.787$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 6.169, 65.166$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 5.875, 244.963$, and $46, 6.058, 251.073$ is the 20% darker color. If you saturate the color by 10%, you get $63, 11.081, 249.160$, and if you desaturate by 10%, it is $69, 0.634, 247.127$.

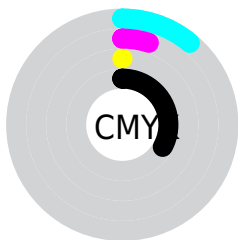
Distribution



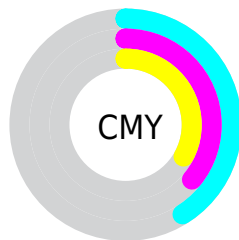
- Red (59%)
- Green (64%)
- Blue (67%)



- Red (59%)
- Yellow (62%)
- Blue (67%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (33%)



- Cyan (41%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 5.924, 247.787 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, 5.924, 247.787 by changing the saturation by 10% instead.

■ 66, 5.924, 247.787

■ 66, 5.924, 247.787

■ 100, 5.924,
247.787

■ 56, 5.924, 247.787

■ 86, 5.924, 247.787

■ 46, 5.924, 247.787

■ 96, 5.924, 247.787

■ 36, 5.924, 247.787

■ 26, 5.924, 247.787

■ 16, 5.924, 247.787

■ 6, 5.924, 247.787

■ 0, 5.924, 247.787

■ 66, 5.924, 247.787

■ 66, 5.924, 247.787

■ 63, 11.081,

■ 69, 0.634, 247.127

249.160

72, 4.754, 65.461

60, 16.073,
250.861

76, 10.210, 64.673

57, 20.863,
252.925

79, 15.710, 63.981

54, 25.425,
255.419

82, 21.234, 63.384

51, 29.748,
258.412

86, 26.763, 62.868

48, 33.850,
261.954

88, 28.031, 70.736

45, 37.785,
266.053

89, 29.357, 79.083

43, 41.650,
270.643

41, 45.137,
274.808

Harmonies

Complementary

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



66, 5.924, 247.787



66, 6.169, 65.166

Rectangle

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



66, 5.924, 247.787



66, 5.924, 297.787



66, 5.924, 67.787



66, 5.924, 117.787

Sweetspot

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



66, 5.923, 247.772



87, 1.996, 246.966



68, 9.473, 158.590



46, 1.523, 247.007



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, 5.923, 247.772



83, 8.535, 248.033



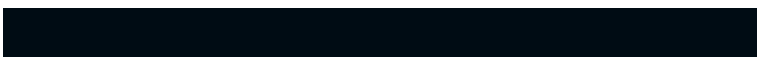
63, 9.742, 287.824



34, 2.982, 247.544



35, 40.355, 274.191



3, 5.755, 255.182

Inverse Universe

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



64, 9.539, 340.444



81, 13.805, 340.616



69, 9.539, 105.459



33, 4.782, 340.287



32, 57.885, 354.083



2, 8.191, 343.526

Previews

White Background



This preview shows how the CIELCh color 66, 5.924, 247.787 looks on a white background.

Color Contrast Check

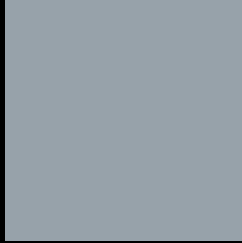
Large Text (above 18pt) WCAG AA × Fail

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, 5.924, 247.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

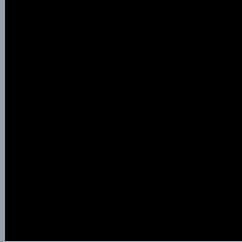
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

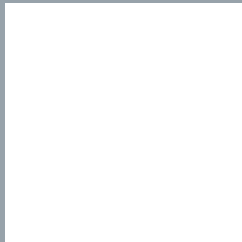
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 5.924, 247.787

Background



This preview shows how black text looks on a background with the CIELCh color 66, 5.924, 247.787.



This preview shows how white text looks on a background with the CIELCh color 66, 5.924, 247.787.

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

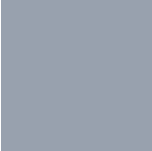
66, 5.924, 247.787

Protanopia

66, 5.062, 299.194

Deuteranopia

66, 10.093, 324.892



Tritanopia
66, 7.844, 266.323

Trichromacy



Original Color
66, 5.924, 247.787

Protanomaly
66, 5.095, 278.113

Deuteranomaly
66, 7.583, 308.047

Tritanomaly
66, 7.349, 264.408

Monochromacy



Original Color
66, 5.924, 247.787

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 2.225, 247.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 5.924, 247.787 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(151, 162, 170)` looks like.

```
.text, #text, p{  
    color:rgb(151, 162, 170)  
}
```

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(151, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 162, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 5.924, 247.787 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(151, 162, 170) }
```

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

```
.border{ border-color:rgb(151, 162, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 162, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 162, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 162, 170);  
box-shadow:4px 4px 4px 4px rgb(151, 162,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 5.924, 247.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 162, 170) }
```

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

```
.background{ background-color: rgb(151,  
162, 170) }
```

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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