

Converting Colors

CIELCh(66, 9.417, 227.599)

Have a look what the booklet for
CIELCh(66, 9.417, 227.599) contains.

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Color

CIELCh(66, 9.251, 227.580)

Conversions

Conversions Part 1

Format	Color
Hex	8DA4AC
RGB	141, 164, 172
RGB Percent	55%, 64%, 67%
CMY	0.4460, 0.3558, 0.3244
CMYK	0.18, 0.05, 0.00, 0.32
HSL	195°, 16%, 61%
HSV	195°, 18%, 68%
XYZ	31.8271, 35.3238, 44.3088
YIQ	158.0350, -16.2760, -2.3880

Conversions

Conversions Part 2

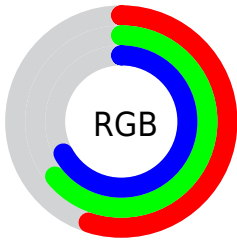
Format	Color
RYB	141, 154, 172
Decimal	9282732
CIELab	66.00, -6.24, -6.83
CIElCh	66, 9.251, 227.580
Yxy	35.3238, 0.2855, 0.3169
Android (android.graphics.Color)	4287472812 (0xFF8DA4AC)
YUV	158.0350, 6.8847, -14.9397
Hunter-Lab	59.4338, -8.4216, -2.5979

Details

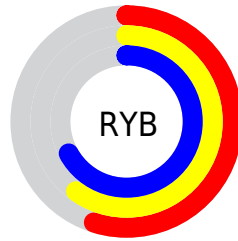
The CIELCh color `66, 9.251, 227.580` is a light color, and the websafe version is hex `999999`. A complement of this color would be `64, 10.311, 45.579`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 9.172, 226.278`, and `46, 9.383, 229.260` is the 20% darker color. If you saturate the color by 10%, you get `64, 13.980, 228.470`, and if you desaturate by 10%, it is `68, 4.212, 226.932`.

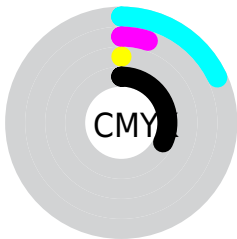
Distribution



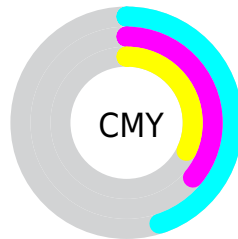
- Red (55%)
- Green (64%)
- Blue (67%)



- Red (55%)
- Yellow (60%)
- Blue (67%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (32%)



- Cyan (45%)
- Magenta (36%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 9.251, 227.580 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, 9.251, 227.580 by changing the saturation by 10% instead.

■ 66, 9.251, 227.580

■ 66, 9.251, 227.580

■ 100, 9.251,
227.580

■ 56, 9.251, 227.580

■ 86, 9.251, 227.580

■ 46, 9.251, 227.580

■ 96, 9.251, 227.580

■ 36, 9.251, 227.580

■ 26, 9.251, 227.580

■ 16, 9.251, 227.580

■ 6, 9.251, 227.580

■ 0, 9.251, 227.580

■ 66, 9.251, 227.580

■ 66, 9.251, 227.580

■ 64, 13.980,

■ 68, 4.212, 226.932

228.470

71, 1.072, 45.855

61, 18.332,
229.652

74, 6.545, 45.827

59, 22.236,
231.182

76, 12.160, 45.570

57, 25.633,
233.138

79, 17.876, 45.373

55, 28.484,
235.610

84, 26.942, 47.437

53, 30.787,
238.683

85, 26.578, 53.255

52, 32.596,
242.421

86, 26.502, 59.168

50, 34.062,
246.758

50, 34.361,
247.625

Harmonies

Complementary

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



66, 9.251, 227.580



64, 10.311, 45.579

Rectangle

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



66, 9.251, 227.580



66, 9.251, 277.580



66, 9.251, 47.580



66, 9.251, 97.580

Sweetspot

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



66, 9.251, 227.571



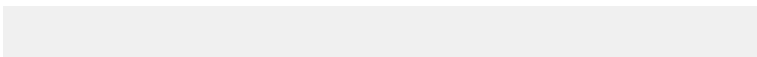
88, 3.286, 226.826



68, 17.498, 151.084



46, 2.236, 226.844



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, 9.251, 227.571



83, 13.852, 227.934



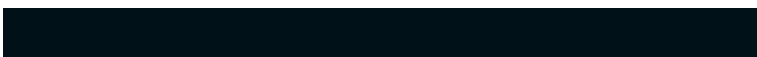
62, 13.283, 279.592



35, 2.988, 226.998



44, 31.001, 247.055



4, 6.394, 236.810

Inverse Universe

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



62, 17.494, 333.811



77, 26.551, 334.120



68, 13.125, 95.102



34, 5.504, 333.210



33, 64.216, 341.624



2, 10.870, 336.041

Previews

White Background



This preview shows how the CIELCh color 66, 9.251, 227.580 looks on a white background.

Color Contrast Check

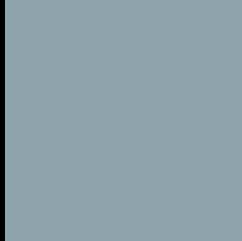
Large Text (above 18pt) WCAG AA × Fail

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 66, 9.251, 227.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

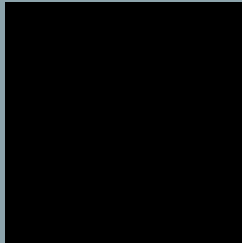
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

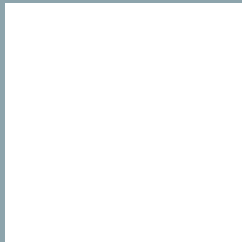
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 9.251, 227.580

Background



This preview shows how black text looks on a background with the CIELCh color 66, 9.251, 227.580.



This preview shows how white text looks on a background with the CIELCh color 66, 9.251, 227.580.

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, 9.251, 227.580

Protanopia

66, 5.569, 294.598

Deuteranopia

66, 11.151, 316.847



Tritanopia
66, 10.451, 242.681

Trichromacy



Original Color
66, 9.251, 227.580

Protanomaly
66, 5.738, 259.896

Deuteranomaly
66, 7.769, 290.996

Tritanomaly
66, 9.786, 237.581

Monochromacy



Original Color
66, 9.251, 227.580

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.395, 228.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 9.251, 227.580 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(141, 164, 172)` looks like.

```
.text, #text, p{  
    color:rgb(141, 164, 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(141, 164, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 164, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 9.251, 227.580 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(141, 164, 172) }
```

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

```
.border{ border-color:rgb(141, 164, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 164, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 164, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 164, 172);  
box-shadow:4px 4px 4px 4px rgb(141, 164,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 9.251, 227.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 164, 172) }
```

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

```
.background{ background-color: rgb(141,  
164, 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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