

Converting Colors

CIELCh(66, 20.502, 289.293)

Have a look what the booklet for
CIELCh(66, 20.502, 289.293)
contains.

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Color

CIELCh(66, 20.528, 289.416)

Conversions

Conversions Part 1

Format	Color
Hex	9B9EC3
RGB	155, 158, 195
RGB Percent	61%, 62%, 76%
CMY	0.3925, 0.3807, 0.2356
CMYK	0.21, 0.19, 0.00, 0.24
HSL	235°, 25%, 69%
HSV	235°, 21%, 76%
XYZ	35.5567, 35.3238, 56.5251
YIQ	161.3210, -13.6650, 10.8710

Conversions

Conversions Part 2

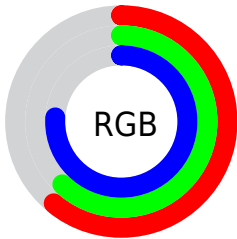
Format	Color
R_{YB}	155, 158, 195
Decimal	10198723
CIE Lab	66.00, 6.82, -19.36
CIE LCh	66, 20.528, 289.416
Yxy	35.3238, 0.2791, 0.2773
Android (android.graphics.Color)	4288388803 (0xFF9B9EC3)
YUV	161.3210, 16.6037, -5.5435
Hunter-Lab	59.4338, 2.7795, -14.7846

Details

The CIELCh color `66, 20.528, 289.416` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `77, 19.730, 104.876`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 20.482, 289.091`, and `46, 20.231, 288.887` is the 20% darker color. If you saturate the color by 10%, you get `60, 31.125, 290.918`, and if you desaturate by 10%, it is `72, 10.332, 288.136`.

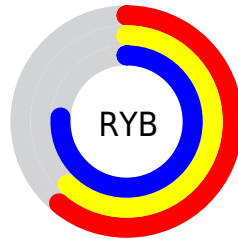
Distribution



Red (61%)

Green (62%)

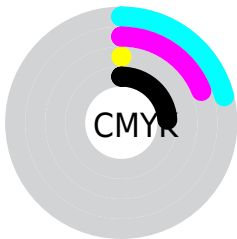
Blue (76%)



Red (61%)

Yellow (62%)

Blue (76%)

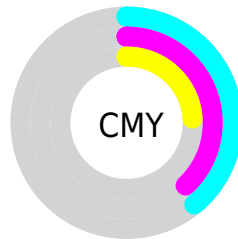


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (24%)



Cyan (39%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 20.528, 289.416 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, 20.528, 289.416 by changing the saturation by 10% instead.

■ 66, 20.528,
289.416

■ 66, 20.528,
289.416

■ 100, 20.528,
289.416

■ 56, 20.528,
289.416

■ 86, 20.528,
289.416

■ 46, 20.528,
289.416

■ 96, 20.528,
289.416

■ 36, 20.528,
289.416

■ 26, 20.528,
289.416

■ 16, 20.528,
289.416

■ 6, 20.528, 289.416

■ 0, 20.528, 289.416

66, 20.528,
289.416

66, 20.528,
289.416

60, 31.125,
290.918

72, 10.332,
288.136

54, 42.157,
292.676

78, 0.510, 287.217

85, 8.968, 106.090

47, 53.635,
294.705

91, 18.127,
105.294

41, 65.504,
296.986

97, 26.986,
104.606

36, 77.540,
299.436

99, 30.267,
107.876

31, 89.151,
301.871

27, 99.183,
304.001

25, 105.906,

Harmonies

Complementary

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



66, 20.528, 289.416



77, 19.730, 104.876

Rectangle

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



66, 20.528, 289.416



66, 20.528, 339.416



66, 20.528, 109.416



66, 20.528, 159.416

Sweetspot

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



66, 20.527, 289.414



95, 7.216, 287.637



76, 14.181, 191.035



50, 4.831, 287.710



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 20.527, 289.414



80, 31.141, 290.117



67, 23.035, 307.173



38, 5.531, 288.002



19, 91.125, 305.214



1, 18.438, 289.078

Inverse Universe

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



68, 15.869, 14.976



82, 24.236, 15.543



77, 22.287, 125.106



38, 4.201, 13.852



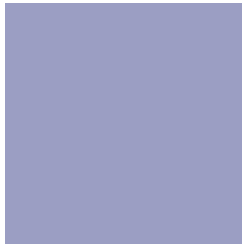
33, 70.823, 36.591



3, 14.049, 15.310

Previews

White Background



This preview shows how the CIELCh color 66, 20.528, 289.416 looks on a white background.

Color Contrast Check

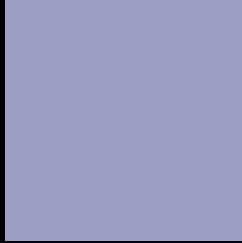
Large Text (above 18pt) WCAG AA × Fail

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, 20.528, 289.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

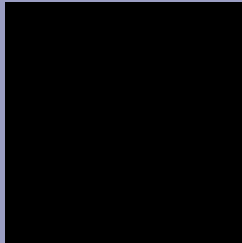
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 20.528, 289.416

Background



This preview shows how black text looks on a background with the CIELCh color 66, 20.528, 289.416.



This preview shows how white text looks on a background with the CIELCh color 66, 20.528, 289.416.

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

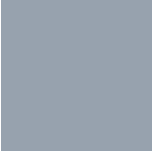
66, 20.528, 289.416

Protanopia

66, 20.041, 285.374

Deuteranopia

66, 21.104, 293.288



Tritanopia
66, 7.670, 259.550

Trichromacy



Original Color
66, 20.528, 289.416

Protanomaly
66, 20.011, 286.337

Deuteranomaly
66, 21.097, 292.353

Tritanomaly
66, 11.988, 275.922

Monochromacy



Original Color
66, 20.528, 289.416

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 7.210, 288.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 20.528, 289.416 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(155, 158, 195)` looks like.

```
.text, #text, p{  
    color:rgb(155, 158, 195)  
}
```

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(155, 158, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 158, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 20.528, 289.416 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(155, 158, 195) }
```

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

```
.border{ border-color:rgb(155, 158, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 158, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 158, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 158, 195);  
box-shadow:4px 4px 4px 4px rgb(155, 158,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 20.528, 289.416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 158, 195) }
```

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

```
.background{ background-color: rgb(155,  
158, 195) }
```

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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