

Converting Colors

CIELCh(65, 20.711, 296.780)

Have a look what the booklet for
CIELCh(65, 20.711, 296.780)
contains.

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Color

CIELCh(65, 20.680, 296.187)

Conversions

Conversions Part 1

Format	Color
Hex	9E9ABF
RGB	158, 154, 191
RGB Percent	62%, 60%, 75%
CMY	0.3812, 0.3968, 0.2518
CMYK	0.17, 0.19, 0.00, 0.25
HSL	246°, 22%, 68%
HSV	246°, 19%, 75%
XYZ	34.9654, 34.0472, 53.9005
YIQ	159.4140, -9.4930, 12.3550

Conversions

Conversions Part 2

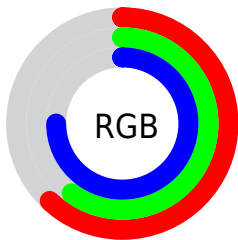
Format	Color
R_{YB}	158, 154, 191
Decimal	10394303
CIE _{Lab}	65.00, 9.13, -18.56
CIE _{LCh}	65, 20.680, 296.187
Yxy	34.0472, 0.2845, 0.2770
Android (android.graphics.Color)	4288584383 (0xFF9E9ABF)
YUV	159.4140, 15.5719, -1.2401
Hunter-Lab	58.3500, 4.8511, -13.9239

Details

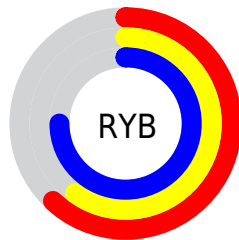
The CIELCh color $65, 20.680, 296.187$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 19.797, 112.876$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 20.655, 296.577$, and $45, 20.380, 296.021$ is the 20% darker color. If you saturate the color by 10%, you get $59, 31.983, 297.318$, and if you desaturate by 10%, it is $71, 9.819, 295.212$.

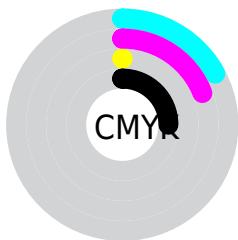
Distribution



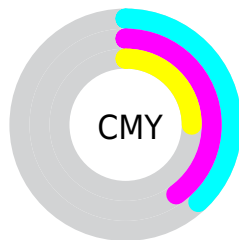
- Red (62%)
- Green (60%)
- Blue (75%)



- Red (62%)
- Yellow (60%)
- Blue (75%)



- Cyan (17%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)



- Cyan (38%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 20.680, 296.187 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 65, 20.680, 296.187 by changing the saturation by 10% instead.

■ 65, 20.680,
296.187

■ 65, 20.680,
296.187

■ 100, 20.680,
296.187

■ 55, 20.680,
296.187

■ 85, 20.680,
296.187

■ 45, 20.680,
296.187

■ 95, 20.680,
296.187

■ 35, 20.680,
296.187

■ 25, 20.680,
296.187

■ 15, 20.680,
296.187

■ 5, 20.680, 296.187

■ 0, 20.680, 296.187

65, 20.680,
296.187

65, 20.680,
296.187

59, 31.983,
297.318

71, 9.819, 295.212

52, 43.741,
298.621

78, 0.619, 114.338

46, 55.911,
300.093

84, 10.662,
113.656

40, 68.343,
301.700

90, 20.337,
113.045

34, 80.644,
303.350

96, 29.671,
112.519

30, 91.983,
304.867

99, 32.315,
107.718

26, 100.978,
305.991

23, 106.654,

306.602

■ 23, 106.970,
306.644

Harmonies

Complementary

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



65, 20.680, 296.187



76, 19.797, 112.876

Rectangle

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



65, 20.680, 296.187



65, 20.680, 346.187



65, 20.680, 116.187



65, 20.680, 166.187

Sweetspot

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



65, 20.678, 296.186



93, 7.703, 294.923



74, 11.776, 208.402



49, 5.157, 294.980



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



65, 20.678, 296.186



79, 30.533, 296.616



67, 22.090, 313.308



37, 5.874, 295.208



18, 92.986, 306.706



1, 17.478, 293.648

Inverse Universe

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



68, 22.754, 328.630



84, 33.347, 328.866



75, 21.646, 131.642



37, 6.563, 328.029



36, 74.356, 332.996



3, 19.316, 329.628

Previews

White Background



This preview shows how the CIELCh color 65, 20.680, 296.187 looks on a white background.

Color Contrast Check

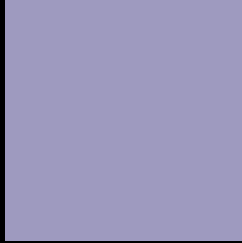
Large Text (above 18pt) WCAG AA × Fail

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 65, 20.680, 296.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

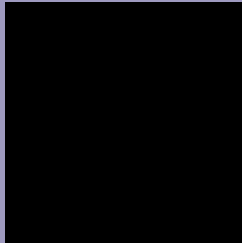
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 20.680, 296.187

Background



This preview shows how black text looks on a background with the CIELCh color 65, 20.680, 296.187.



This preview shows how white text looks on a background with the CIELCh color 65, 20.680, 296.187.

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

65, 20.680, 296.187

Protanopia

65, 20.109, 285.422

Deuteranopia

65, 20.655, 295.222



Tritanopia
65, 7.296, 282.256

Trichromacy



Original Color
65, 20.680, 296.187

Protanomaly
65, 20.599, 289.457

Deuteranomaly
65, 20.655, 295.222

Tritanomaly
65, 12.243, 289.785

Monochromacy



Original Color
65, 20.680, 296.187

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.832, 296.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 20.680, 296.187 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(158, 154, 191)` looks like.

```
.text, #text, p{  
    color:rgb(158, 154, 191)  
}
```

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(158, 154, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 154, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 20.680, 296.187 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(158, 154, 191) }
```

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

```
.border{ border-color:rgb(158, 154, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 154, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 154, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 154, 191);  
box-shadow:4px 4px 4px 4px rgb(158, 154,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 20.680, 296.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 154, 191) }
```

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

```
.background{ background-color: rgb(158,  
154, 191) }
```

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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