

Converting Colors

CIELCh(65, 20.627, 294.209)

Have a look what the booklet for
CIELCh(65, 20.627, 294.209)
contains.

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Color

CIELCh(65, 20.636, 294.258)

Conversions

Conversions Part 1

Format	Color
Hex	9C9ABF
RGB	156, 154, 191
RGB Percent	61%, 60%, 75%
CMY	0.3873, 0.3952, 0.2501
CMYK	0.18, 0.19, 0.00, 0.25
HSL	243°, 22%, 68%
HSV	243°, 19%, 75%
XYZ	34.7760, 34.0472, 54.1632
YIQ	158.8160, -10.6850, 11.9310

Conversions

Conversions Part 2

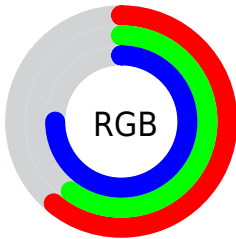
Format	Color
RYB	156, 154, 191
Decimal	10263231
CIELab	65.00, 8.48, -18.81
CIELCh	65, 20.636, 294.258
Yxy	34.0472, 0.2828, 0.2768
Android (android.graphics.Color)	4288453311 (0xFF9C9ABF)
YUV	158.8160, 15.8667, -2.4696
Hunter-Lab	58.3500, 4.2719, -14.1908

Details

The CIELCh color $65, 20.636, 294.258$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 19.742, 110.611$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 20.603, 294.711$, and $45, 20.347, 293.991$ is the 20% darker color. If you saturate the color by 10%, you get $59, 31.950, 295.521$, and if you desaturate by 10%, it is $71, 9.776, 293.177$.

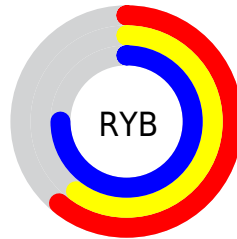
Distribution



Red (61%)

Green (60%)

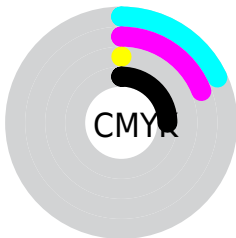
Blue (75%)



Red (61%)

Yellow (60%)

Blue (75%)

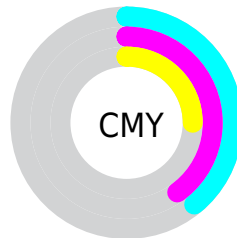


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (39%)


Magenta (40%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 20.636, 294.258 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, 20.636, 294.258 by changing the saturation by 10% instead.


 65, 20.636,
294.258


 65, 20.636,
294.258


 100, 20.636,
294.258


 55, 20.636,
294.258


 85, 20.636,
294.258

 45, 20.636,
294.258

 95, 20.636,
294.258

 35, 20.636,
294.258

 25, 20.636,
294.258

 15, 20.636,
294.258

 5, 20.636, 294.258

 0, 20.636, 294.258

65, 20.636,
294.258

65, 20.636,
294.258

59, 31.950,
295.521

71, 9.776, 293.177

78, 0.655, 112.186

52, 43.739,
296.988

84, 10.688,
111.460

46, 55.976,
298.662

90, 20.353,
110.790

40, 68.525,
300.507

97, 29.675,
110.216

34, 80.995,
302.425

99, 32.098,
107.735

29, 92.515,
304.214

25, 101.601,
305.581

23, 107.182,

306.385

■ 23, 107.505,
306.440

Harmonies

Complementary

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



65, 20.636, 294.258



76, 19.742, 110.611

Rectangle

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



65, 20.636, 294.258



65, 20.636, 344.258



65, 20.636, 114.258



65, 20.636, 164.258

Sweetspot

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



65, 20.634, 294.257



93, 7.684, 292.863



74, 12.326, 203.175



49, 5.144, 292.925



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, 20.634, 294.257



79, 30.474, 294.740



67, 21.864, 311.647



36, 5.860, 293.176



18, 93.321, 306.480



1, 17.452, 292.147

Inverse Universe

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



68, 23.614, 326.995



84, 34.601, 327.222



75, 21.362, 129.949



37, 6.813, 326.421



37, 77.532, 330.478



3, 20.381, 327.396

Previews

White Background



This preview shows how the CIELCh color 65, 20.636, 294.258 looks on a white background.

Color Contrast Check

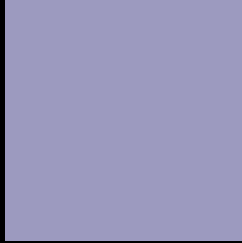
Large Text (above 18pt) WCAG AA × Fail

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 65, 20.636, 294.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

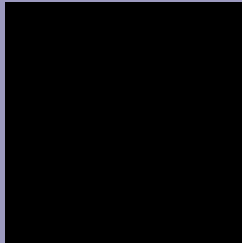
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 20.636, 294.258

Background



This preview shows how black text looks on a background with the CIELCh color 65, 20.636, 294.258.



This preview shows how white text looks on a background with the CIELCh color 65, 20.636, 294.258.

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

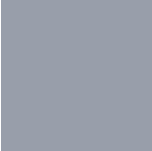
65, 20.636, 294.258

Protanopia

65, 20.659, 285.681

Deuteranopia

65, 20.636, 294.258



Tritanopia
65, 6.982, 272.526

Trichromacy



Original Color
65, 20.636, 294.258

Protanomaly
65, 20.599, 289.457

Deuteranomaly
65, 20.636, 294.258

Tritanomaly
65, 11.705, 286.120

Monochromacy



Original Color
65, 20.636, 294.258

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.801, 293.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 20.636, 294.258 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(156, 154, 191)` looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 154, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 154, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 20.636, 294.258 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(156, 154, 191) }
```

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

```
.border{ border-color:rgb(156, 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(156, 154, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 154, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 154, 191);  
box-shadow:4px 4px 4px 4px rgb(156, 154,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 20.636, 294.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 154, 191) }
```

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

```
.background{ background-color: rgb(156,  
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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