

Converting Colors

CIELCh(65, 25.103, 292.782)

Have a look what the booklet for
CIELCh(65, 25.103, 292.782)
contains.

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Color

CIELCh(65, 25.051, 292.775)

Conversions

Conversions Part 1

Format	Color
Hex	9A9AC7
RGB	154, 154, 199
RGB Percent	60%, 60%, 78%
CMY	0.3965, 0.3965, 0.2201
CMYK	0.23, 0.23, 0.00, 0.22
HSL	240°, 29%, 69%
HSV	240°, 23%, 78%
XYZ	35.1330, 34.0472, 58.6755
YIQ	159.1300, -14.4450, 13.9950

Conversions

Conversions Part 2

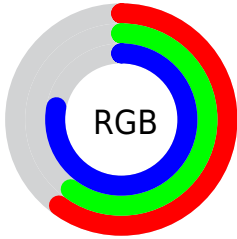
Format	Color
RYB	154, 154, 199
Decimal	10132167
CIELab	65.00, 9.70, -23.10
CIELCh	65, 25.051, 292.775
Yxy	34.0472, 0.2748, 0.2663
Android (android.graphics.Color)	4288322247 (0xFF9A9AC7)
YUV	159.1300, 19.6559, -4.4990
Hunter-Lab	58.3500, 5.3638, -18.7759

Details

The CIELCh color $65, 25.051, 292.775$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $79, 23.766, 107.997$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 24.777, 293.014$, and $45, 25.084, 292.805$ is the 20% darker color. If you saturate the color by 10%, you get $58, 36.894, 294.264$, and if you desaturate by 10%, it is $72, 13.696, 291.508$.

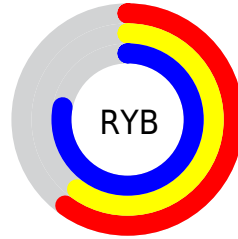
Distribution



Red (60%)

Green (60%)

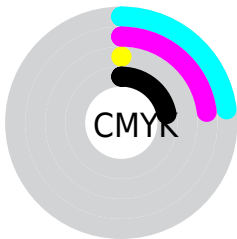
Blue (78%)



Red (60%)

Yellow (60%)

Blue (78%)

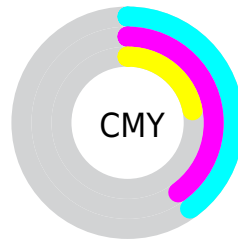


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (22%)



Cyan (40%)


Magenta (40%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 25.051, 292.775 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, 25.051, 292.775 by changing the saturation by 10% instead.


 65, 25.051,
292.775


 65, 25.051,
292.775


 100, 25.051,
292.775


 55, 25.051,
292.775


 85, 25.051,
292.775

 45, 25.051,
292.775

 95, 25.051,
292.775

 35, 25.051,
292.775

 25, 25.051,
292.775

 15, 25.051,
292.775

 5, 25.051, 292.775

 0, 25.051, 292.775

65, 25.051,
292.775

65, 25.051,
292.775

58, 36.894,
294.264

72, 13.696,
291.508

52, 49.247,
295.999

78, 2.798, 290.452

85, 7.677, 109.509

45, 62.068,
297.977

92, 17.763,
108.738

39, 75.160,
300.140

98, 27.487,
108.076

33, 87.962,
302.338

99, 28.296,
108.028

28, 99.279,
304.296

25, 107.313,
305.670

24, 110.968,

Harmonies

Complementary

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



65, 25.051, 292.775



79, 23.766, 107.997

Rectangle

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



65, 25.051, 292.775



65, 25.051, 342.775



65, 25.051, 112.775



65, 25.051, 162.775

Sweetspot

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



65, 25.050, 292.774



94, 9.194, 290.897



77, 15.524, 196.770



50, 5.981, 290.962



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 25.050, 292.774



78, 36.947, 293.456



67, 26.178, 309.569



38, 6.114, 291.142



19, 95.825, 306.286



1, 21.509, 291.744

Inverse Universe

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



68, 17.975, 21.074



82, 26.729, 21.583



78, 25.352, 127.442



39, 4.279, 19.917



34, 74.641, 39.773



3, 15.885, 19.401

Previews

White Background



This preview shows how the CIELCh color 65, 25.051, 292.775 looks on a white background.

Color Contrast Check

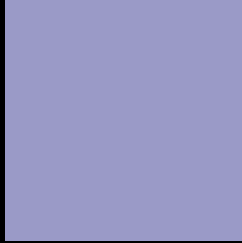
Large Text (above 18pt) WCAG AA × Fail

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, 25.051, 292.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

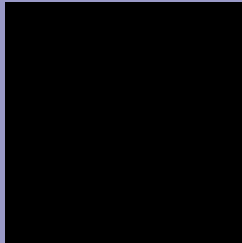
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 25.051, 292.775

Background



This preview shows how black text looks on a background with the CIELCh color 65, 25.051, 292.775.



This preview shows how white text looks on a background with the CIELCh color 65, 25.051, 292.775.

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, 25.051, 292.775

Protanopia

65, 24.597, 284.947

Deuteranopia

65, 24.473, 290.347



Tritanopia
65, 7.523, 261.948

Trichromacy



Original Color
65, 25.051, 292.775

Protanomaly
65, 25.066, 288.189

Deuteranomaly
65, 24.468, 291.131

Tritanomaly
65, 13.468, 282.484

Monochromacy



Original Color
65, 25.051, 292.775

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.898, 291.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 25.051, 292.775 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(154, 154, 199)` looks like.

```
.text, #text, p{  
    color:rgb(154, 154, 199)  
}
```

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(154, 154, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 154, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 25.051, 292.775 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(154, 154, 199) }
```

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

```
.border{ border-color:rgb(154, 154, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 154, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 154, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 154, 199);  
box-shadow:4px 4px 4px 4px rgb(154, 154,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 25.051, 292.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 154, 199) }
```

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

```
.background{ background-color: rgb(154,  
154, 199) }
```

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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