

Converting Colors

CIELCh(69, 25.680, 285.574)

Have a look what the booklet for
CIELCh(69, 25.680, 285.574)
contains.

CIELCh(69, 25.921, 286.169)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 25.921, 286.169)

Conversions

Conversions Part 1

Format	Color
Hex	9DA6D5
RGB	157, 166, 213
RGB Percent	62%, 65%, 84%
CMY	0.3835, 0.3483, 0.1639
CMYK	0.26, 0.22, 0.00, 0.16
HSL	230°, 40%, 73%
HSV	230°, 26%, 84%
XYZ	39.6498, 39.3444, 68.5903
YIQ	168.6670, -20.4510, 12.7090

Conversions

Conversions Part 2

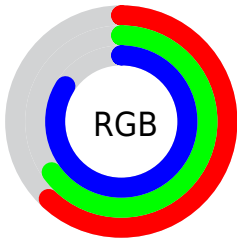
Format	Color
RYB	157, 165, 213
Decimal	10331861
CIELab	69.00, 7.22, -24.90
CIElCh	69, 25.921, 286.169
Yxy	39.3444, 0.2687, 0.2666
Android (android.graphics.Color)	4288521941 (0xFF9DA6D5)
YUV	168.6670, 21.8562, -10.2320
Hunter-Lab	62.7251, 3.0644, -20.9264

Details

The CIELCh color `69, 25.921, 286.169` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `82, 24.956, 99.718`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `88, 17.925, 282.027`, and `49, 25.970, 286.099` is the 20% darker color. If you saturate the color by 10%, you get `63, 36.407, 287.925`, and if you desaturate by 10%, it is `75, 15.792, 284.668`.

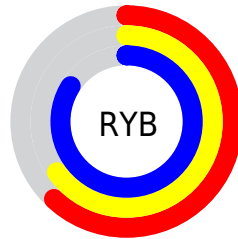
Distribution



Red (62%)

Green (65%)

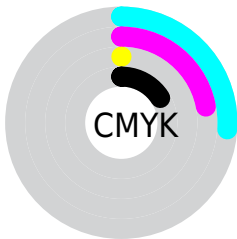
Blue (84%)



Red (62%)

Yellow (65%)

Blue (84%)

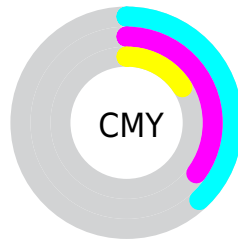


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (16%)



Cyan (38%)

Magenta (35%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 25.921, 286.169 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 69, 25.921, 286.169 by changing the saturation by 10% instead.

■ 69, 25.921,
286.169

■ 69, 25.921,
286.169

■ 100, 25.921,
286.169

■ 59, 25.921,
286.169

■ 89, 25.921,
286.169

■ 49, 25.921,
286.169

■ 99, 25.921,
286.169

■ 39, 25.921,
286.169

■ 29, 25.921,
286.169

■ 19, 25.921,
286.169

■ 9, 25.921, 286.169

■ 0, 25.921, 286.169

69, 25.921,
286.169

69, 25.921,
286.169

63, 36.407,
287.925

75, 15.792,
284.668

57, 47.285,
289.971

81, 5.995, 283.399

88, 3.497, 102.235

51, 58.574,
292.321

94, 12.705,
101.318

45, 70.237,
294.948

99, 21.119,
108.578

39, 82.085,
297.756

34, 93.612,
300.554

31, 103.840,
303.056

29, 107.097,

303.814

Harmonies

Complementary

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



69, 25.921, 286.169



82, 24.956, 99.718

Rectangle

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



69, 25.921, 286.169



69, 25.921, 336.169



69, 25.921, 106.169



69, 25.921, 156.169

Sweetspot

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



69, 25.920, 286.168



94, 8.868, 283.612



81, 19.926, 183.517



49, 6.316, 283.797



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 25.920, 286.168



77, 36.889, 287.199



68, 31.660, 304.688



42, 5.472, 283.775



23, 89.764, 303.476



3, 24.529, 290.138

Inverse Universe

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



70, 22.432, 9.056



79, 32.065, 9.924



83, 30.128, 121.600



42, 4.644, 7.082



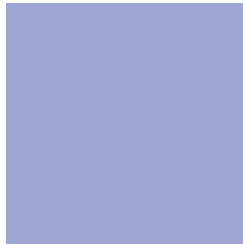
35, 70.431, 31.925



5, 22.006, 12.609

Previews

White Background



This preview shows how the CIELCh color 69, 25.921, 286.169 looks on a white background.

Color Contrast Check

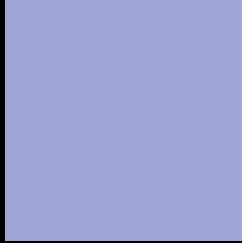
Large Text (above 18pt) WCAG AA × Fail

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 69, 25.921, 286.169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

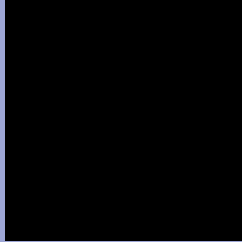
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 25.921, 286.169

Background



This preview shows how black text looks on a background with the CIELCh color 69, 25.921, 286.169.



This preview shows how white text looks on a background with the CIELCh color 69, 25.921, 286.169.

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

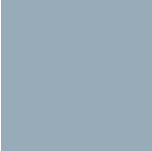
69, 25.921, 286.169

Protanopia

69, 25.951, 285.459

Deuteranopia

69, 26.395, 289.910



Tritanopia
69, 10.286, 247.622

Trichromacy



Original Color
69, 25.921, 286.169

Protanomaly
69, 25.951, 285.459

Deuteranomaly
69, 26.407, 289.200

Tritanomaly
69, 15.158, 270.283

Monochromacy



Original Color
69, 25.921, 286.169

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.381, 284.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 25.921, 286.169 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(157, 166, 213)` looks like.

```
.text, #text, p{  
    color:rgb(157, 166, 213)  
}
```

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(157, 166, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 166, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 25.921, 286.169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

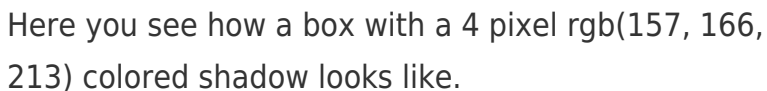
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 166, 213) }
```

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

```
.border{ border-color:rgb(157, 166, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 166, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 166, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 166, 213); box-shadow:4px 4px 4px 4px rgb(157, 166, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 25.921, 286.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 166, 213) }
```

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

```
.background{ background-color: rgb(157,  
166, 213) }
```

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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