

Converting Colors

CIELCh(69, 13.774, 291.563)

Have a look what the booklet for
CIELCh(69, 13.774, 291.563)
contains.

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Color

CIELCh(69, 13.753, 291.561)

Conversions

Conversions Part 1

Format	Color
Hex	A6A6BF
RGB	166, 166, 191
RGB Percent	65%, 65%, 75%
CMY	0.3475, 0.3475, 0.2494
CMYK	0.13, 0.13, 0.00, 0.25
HSL	240°, 16%, 70%
HSV	240°, 13%, 75%
XYZ	38.9647, 39.3444, 55.0635
YIQ	168.8500, -8.0250, 7.7750

Conversions

Conversions Part 2

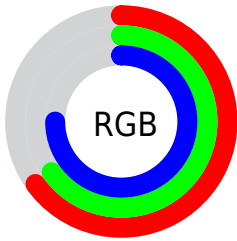
Format	Color
R_{YB}	166, 166, 191
Decimal	10921663
CIE Lab	69.00, 5.05, -12.79
CIE LCh	69, 13.753, 291.561
Yxy	39.3444, 0.2921, 0.2950
Android (android.graphics.Color)	4289111743 (0xFFA6A6BF)
YUV	168.8500, 10.9200, -2.4994
Hunter-Lab	62.7251, 1.1149, -8.1404

Details

The CIELCh color $69, 13.753, 291.561$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $77, 13.350, 108.924$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 13.565, 291.287$, and $49, 14.126, 292.027$ is the 20% darker color. If you saturate the color by 10%, you get $62, 24.776, 292.828$, and if you desaturate by 10%, it is $76, 3.170, 290.493$.

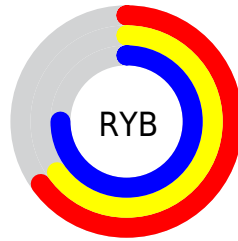
Distribution



Red (65%)

Green (65%)

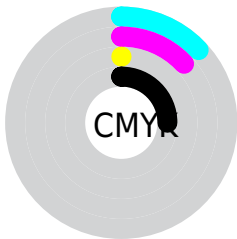
Blue (75%)



Red (65%)

Yellow (65%)

Blue (75%)

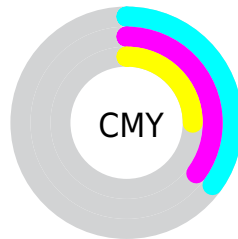


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 13.753, 291.561 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, 13.753, 291.561 by changing the saturation by 10% instead.

■ 69, 13.753,
291.561

■ 69, 13.753,
291.561

■ 100, 13.753,
291.561

■ 59, 13.753,
291.561

■ 89, 13.753,
291.561

■ 49, 13.753,
291.561

■ 99, 13.753,
291.561

■ 39, 13.753,
291.561

■ 29, 13.753,
291.561

■ 19, 13.753,
291.561

■ 9, 13.753, 291.561

■ 0, 13.753, 291.561

69, 13.753,
291.561

69, 13.753,
291.561

62, 24.776,
292.828

76, 3.170, 290.493

56, 36.276,
294.323

82, 7.003, 109.549

49, 48.267,
296.063

88, 16.797,
108.774

43, 60.709,
298.042

95, 26.240,
108.110

37, 73.402,
300.204

99, 32.013,
107.742

32, 85.792,
302.394

27, 96.706,
304.336

24, 104.406,

305.690

■ 23, 107.845,
306.287

Harmonies

Complementary

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



69, 13.753, 291.561



77, 13.350, 108.924

Rectangle

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



69, 13.753, 291.561



69, 13.753, 341.561



69, 13.753, 111.561



69, 13.753, 161.561

Sweetspot

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



69, 13.751, 291.558



95, 5.142, 290.589



76, 8.939, 197.319



50, 3.658, 290.663



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 13.751, 291.558



85, 21.046, 291.941



70, 14.460, 309.077



37, 5.984, 291.140



18, 94.722, 306.287



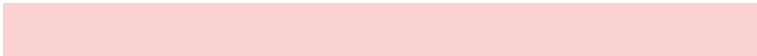
1, 19.479, 291.134

Inverse Universe

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



70, 9.693, 20.212



87, 14.926, 20.480



76, 14.194, 127.904



38, 4.188, 19.918



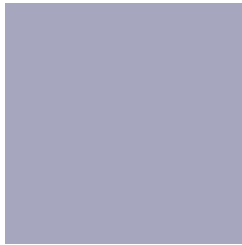
33, 73.727, 39.723



3, 13.999, 19.404

Previews

White Background



This preview shows how the CIELCh color 69, 13.753, 291.561 looks on a white background.

Color Contrast Check

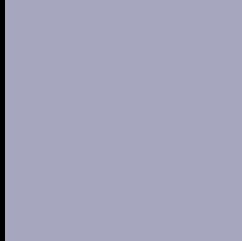
Large Text (above 18pt) WCAG AA × Fail

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 69, 13.753, 291.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

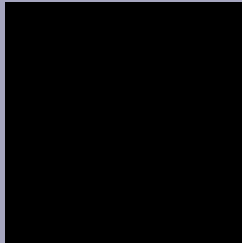
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 13.753, 291.561

Background



This preview shows how black text looks on a background with the CIELCh color 69, 13.753, 291.561.



This preview shows how white text looks on a background with the CIELCh color 69, 13.753, 291.561.

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, 13.753, 291.561

Protanopia

69, 13.761, 287.143

Deuteranopia

69, 15.877, 304.734



Tritanopia
69, 7.207, 282.191

Trichromacy



Original Color
69, 13.753, 291.561

Protanomaly
69, 13.745, 288.607

Deuteranomaly
69, 15.046, 299.834

Tritanomaly
69, 9.897, 289.090

Monochromacy



Original Color
69, 13.753, 291.561

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.947, 290.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 13.753, 291.561 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(166, 166, 191)` looks like.

```
.text, #text, p{  
    color:rgb(166, 166, 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(166, 166, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 166, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 13.753, 291.561 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(166, 166, 191) }
```

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

```
.border{ border-color:rgb(166, 166, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 166, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 166, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 166, 191);  
box-shadow:4px 4px 4px 4px rgb(166, 166,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 13.753, 291.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 166, 191) }
```

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

```
.background{ background-color: rgb(166,  
166, 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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