

Converting Colors

CIELCh(69, 36.391, 303.842)

Have a look what the booklet for
CIELCh(69, 36.391, 303.842)
contains.

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Color

CIELCh(69, 36.514, 304.040)

Conversions

Conversions Part 1

Format	Color
Hex	B29EDF
RGB	178, 158, 223
RGB Percent	70%, 62%, 87%
CMY	0.3012, 0.3796, 0.1247
CMYK	0.20, 0.29, 0.00, 0.12
HSL	258°, 51%, 75%
HSV	258°, 29%, 88%
XYZ	44.0100, 39.3444, 75.2286
YIQ	171.3900, -8.9450, 24.4550

Conversions

Conversions Part 2

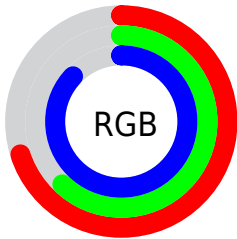
Format	Color
R _Y B	178, 158, 223
Decimal	11706079
CIE Lab	69.00, 20.44, -30.26
CIE LCh	69, 36.514, 304.040
Yxy	39.3444, 0.2775, 0.2481
Android (android.graphics.Color)	4289896159 (0xFFB29EDF)
YUV	171.3900, 25.4437, 5.7970
Hunter-Lab	62.7251, 15.4725, -27.2011

Details

The CIELCh color **69, 36.514, 304.040** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **86, 34.460, 120.416**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 23.202, 309.832**, and **49, 36.428, 303.626** is the 20% darker color. If you saturate the color by 10%, you get **62, 49.847, 304.869**, and if you desaturate by 10%, it is **76, 23.566, 303.290**.

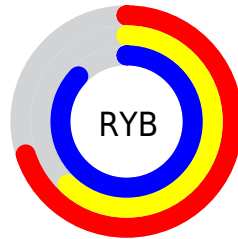
Distribution



Red (70%)

Green (62%)

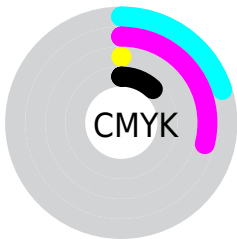
Blue (87%)



Red (70%)

Yellow (62%)

Blue (87%)

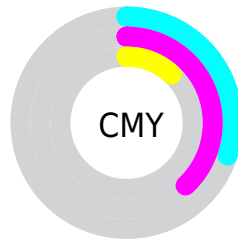


Cyan (20%)

Magenta (29%)

Yellow (0%)

Black (12%)



Cyan (30%)

Magenta (38%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 36.514, 304.040 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, 36.514, 304.040 by changing the saturation by 10% instead.

■ 69, 36.514,
304.040

■ 69, 36.514,
304.040

■ 100, 36.514,
304.040

■ 59, 36.514,
304.040

■ 89, 36.514,
304.040

■ 49, 36.514,
304.040

■ 99, 36.514,
304.040

■ 39, 36.514,
304.040

■ 29, 36.514,
304.040

■ 19, 36.514,
304.040

■ 9, 36.514, 304.040

■ 0, 36.514, 304.040

69, 36.514,
304.040

69, 36.514,
304.040

62, 49.847,
304.869

76, 23.566,
303.290

56, 63.453,
305.760

83, 11.051,
302.622

49, 77.076,
306.671

89, 1.028, 122.098

43, 90.215,
307.524

96, 12.682,
121.540

38, 102.008,
308.189

99, 16.085,
108.962

34, 111.224,
308.490

31, 116.997,
308.329

31, 117.442,

Harmonies

Complementary

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



69, 36.514, 304.040



86, 34.460, 120.416

Rectangle

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



69, 36.514, 304.040



69, 36.514, 354.040



69, 36.514, 124.040



69, 36.514, 174.040

Sweetspot

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



69, 36.512, 304.040



93, 12.140, 302.618



79, 17.847, 234.429



49, 8.457, 302.711



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, 36.512, 304.040



73, 49.378, 304.540



72, 39.707, 320.104



43, 6.910, 302.642



23, 98.136, 308.461



3, 32.350, 303.527

Inverse Universe

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



73, 33.828, 336.726



78, 45.187, 337.235



84, 39.183, 137.277



44, 6.572, 335.217



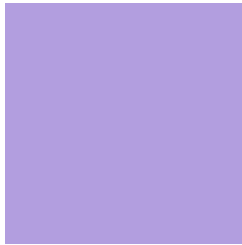
39, 69.590, 345.377



7, 29.238, 341.854

Previews

White Background



This preview shows how the CIELCh color 69, 36.514, 304.040 looks on a white background.

Color Contrast Check

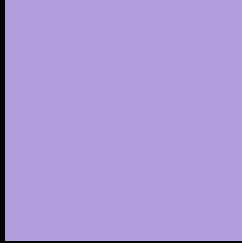
Large Text (above 18pt) WCAG AA × Fail

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, 36.514, 304.040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

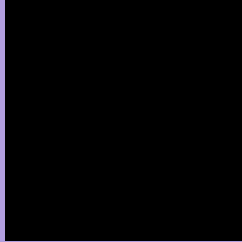
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 36.514, 304.040

Background



This preview shows how black text looks on a background with the CIELCh color 69, 36.514, 304.040.



This preview shows how white text looks on a background with the CIELCh color 69, 36.514, 304.040.

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





Tritanopia
69, 7.249, 299.645

Trichromacy



Original Color
69, 36.514, 304.040

Protanomaly
69, 35.187, 292.074

Deuteranomaly
69, 32.465, 293.933

Tritanomaly
69, 17.951, 302.138

Monochromacy



Original Color
69, 36.514, 304.040

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 13.455, 302.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 36.514, 304.040 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(178, 158, 223)` looks like.

```
.text, #text, p{  
    color:rgb(178, 158, 223)  
}
```

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(178, 158, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 158, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 36.514, 304.040 is called "border". The border property can be set on classes, ids or directly on the HTML element.

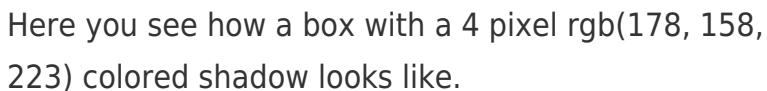
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 158, 223) }
```

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

```
.border{ border-color:rgb(178, 158, 223) }
```

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



Here you see how a box with a 4 pixel rgb(178, 158, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 158, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 158, 223);  
box-shadow:4px 4px 4px 4px rgb(178, 158,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 36.514, 304.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 158, 223) }
```

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

```
.background{ background-color: rgb(178,  
158, 223) }
```

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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