

Converting Colors

CIELCh(69, 59.404, 320.495)

Have a look what the booklet for
CIELCh(69, 59.404, 320.495)
contains.

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Color

CIELCh(69, 59.037, 320.495)

Conversions

Conversions Part 1

Format	Color
Hex	D98BED
RGB	217, 139, 237
RGB Percent	85%, 55%, 93%
CMY	0.1489, 0.4548, 0.0705
CMYK	0.08, 0.41, 0.00, 0.07
HSL	288°, 73%, 74%
HSV	288°, 41%, 93%
XYZ	53.1496, 39.3444, 84.9351
YIQ	173.4940, 15.0300, 47.0140

Conversions

Conversions Part 2

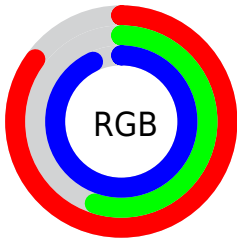
Format	Color
R_{YB}	217, 139, 237
Decimal	14257133
CIE _{Lab}	69.00, 45.55, -37.56
CIE _{LCh}	69, 59.037, 320.495
Yxy	39.3444, 0.2996, 0.2217
Android (android.graphics.Color)	4292447213 (0xFFD98BED)
YUV	173.4940, 31.3085, 38.1548
Hunter-Lab	62.7251, 41.4816, -36.3761

Details

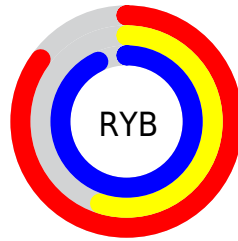
The CIELCh color $69, 59.037, 320.495$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $87, 57.978, 136.358$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 38.257, 325.753$, and $49, 58.863, 320.243$ is the 20% darker color. If you saturate the color by 10%, you get $64, 72.614, 320.852$, and if you desaturate by 10%, it is $75, 44.843, 320.080$.

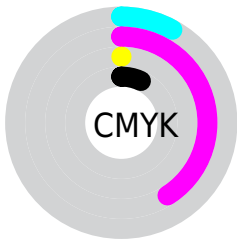
Distribution



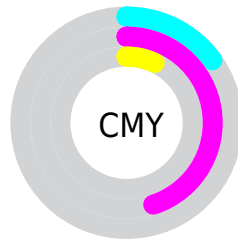
- Red (85%)
- Green (55%)
- Blue (93%)



- Red (85%)
- Yellow (55%)
- Blue (93%)



- Cyan (8%)
- Magenta (41%)
- Yellow (0%)
- Black (7%)




- Cyan (15%)
- Magenta (45%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 59.037, 320.495 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, 59.037, 320.495 by changing the saturation by 10% instead.

 69, 59.037,
320.495


 69, 59.037,
320.495


 100, 59.037,
320.495


 59, 59.037,
320.495

 89, 59.037,
320.495

 49, 59.037,
320.495

 99, 59.037,
320.495

 39, 59.037,
320.495

 29, 59.037,
320.495

 19, 59.037,
320.495

 9, 59.037, 320.495

 0, 59.037, 320.495

69, 59.037,
320.495

69, 59.037,
320.495

64, 72.614,
320.852

75, 44.843,
320.080

59, 85.050,
321.114

81, 30.429,
319.634

55, 95.695,
321.237

87, 16.056,
319.177

52, 103.884,
321.171

93, 1.893, 318.625

49, 109.139,
320.876

99, 10.399,
137.525

48, 111.553,
320.449

99, 9.684, 128.696

99, 9.234, 118.643

100, 9.097,
109.488

Harmonies

Complementary

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



69, 59.037, 320.495



87, 57.978, 136.358

Rectangle

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



69, 59.037, 320.495



69, 59.037, 10.495



69, 59.037, 140.495



69, 59.037, 190.495

Sweetspot

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



69, 59.035, 320.495



92, 18.030, 319.210



67, 42.580, 285.954



48, 11.973, 319.270



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, 59.035, 320.495



69, 75.146, 320.815



70, 50.851, 336.688



46, 7.960, 319.090



37, 91.117, 320.572



7, 38.627, 321.527

Inverse Universe

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



69, 39.926, 8.193



69, 51.704, 10.017



86, 50.392, 149.972



46, 5.076, 3.767



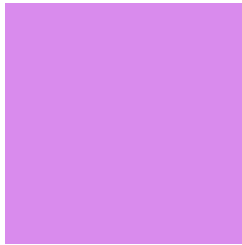
38, 71.616, 29.057



7, 27.900, 14.263

Previews

White Background



This preview shows how the CIELCh color 69, 59.037, 320.495 looks on a white background.

Color Contrast Check

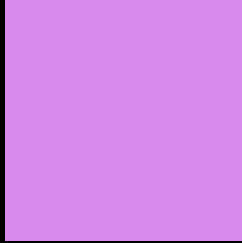
Large Text (above 18pt) WCAG AA × Fail

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, 59.037, 320.495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

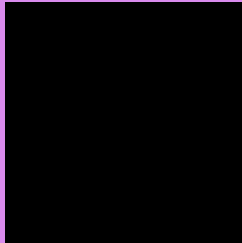
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 59.037, 320.495

Background



This preview shows how black text looks on a background with the CIELCh color 69, 59.037, 320.495.



This preview shows how white text looks on a background with the CIELCh color 69, 59.037, 320.495.

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, 21.630, 3.999

Trichromacy



Original Color
69, 59.037, 320.495



Protanomaly
69, 50.804, 298.409



Deuteranomaly
69, 42.849, 301.486



Tritanomaly
69, 32.632, 336.684

Monochromacy



Original Color
69, 59.037, 320.495



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 22.428, 319.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 59.037, 320.495 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(217, 139, 237)` looks like.

```
.text, #text, p{  
    color:rgb(217, 139, 237)  
}
```

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(217, 139, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 139, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 59.037, 320.495 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(217, 139, 237) }
```

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

```
.border{ border-color:rgb(217, 139, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 139, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 139, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 139, 237);  
box-shadow:4px 4px 4px 4px rgb(217, 139,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 59.037, 320.495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 139, 237) }
```

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

```
.background{ background-color: rgb(217,  
139, 237) }
```

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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