

Converting Colors

CIELCh(69, 15.509, 353.647)

Have a look what the booklet for
CIELCh(69, 15.509, 353.647)
contains.

| | |
|--|----|
| CIELCh(69, 15.509, 353.647) | 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, 15.509, 353.647)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C39FAC |
| RGB | 195, 159, 172 |
| RGB Percent | 76%, 62%, 67% |
| CMY | 0.2355, 0.3767, 0.3257 |
| CMYK | 0.00, 0.18, 0.12, 0.24 |
| HSL | 338°, 23%, 69% |
| HSV | 338°, 18%, 76% |
| XYZ | 42.3168, 39.3444, 44.3620 |
| YIQ | 171.2460, 17.2830, 11.6750 |

Conversions

Conversions Part 2

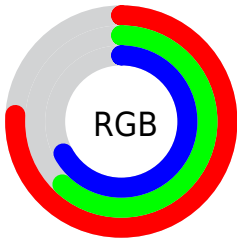
| Format | Color |
|-------------------------------------|--|
| RYB | 195, 159, 172 |
| Decimal | 12820396 |
| CIELab | 69.00, 15.41, -1.72 |
| CIElCh | 69, 15.509, 353.647 |
| Yxy | 39.3444, 0.3358, 0.3122 |
| Android (android.graphics.Color) | 4291010476 (0xFFC39FAC) |
| YUV | 171.2460, 0.3717, 20.8323 |
| Hunter-Lab | 62.7251, 10.6540, 1.9750 |

Details

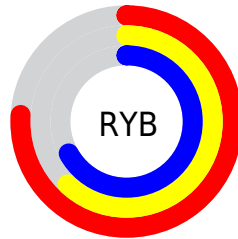
The CIELCh color $69, 15.509, 353.647$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 14.868, 170.170$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 15.368, 354.557$, and $49, 15.831, 352.841$ is the 20% darker color. If you saturate the color by 10%, you get $64, 24.218, 354.849$, and if you desaturate by 10%, it is $74, 6.993, 352.585$.

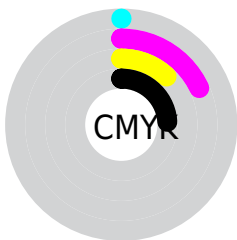
Distribution



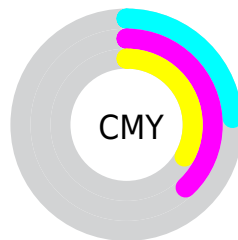
- Red (76%)
- Green (62%)
- Blue (67%)



- Red (76%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (12%)
- Black (24%)





- Cyan (24%)
- Magenta (38%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 15.509, 353.647 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, 15.509, 353.647 by changing the saturation by 10% instead.

 69, 15.509,
353.647


 69, 15.509,
353.647


 100, 15.509,
353.647


 59, 15.509,
353.647


 89, 15.509,
353.647

 49, 15.509,
353.647

 99, 15.509,
353.647

 39, 15.509,
353.647

 29, 15.509,
353.647

 19, 15.509,
353.647

 9, 15.509, 353.647

 0, 15.509, 353.647

69, 15.509,
353.647

69, 15.509,
353.647

64, 24.218,
354.849

74, 6.993, 352.585

59, 32.975,
356.248

80, 1.238, 172.102

85, 9.147, 170.978

55, 41.537,
357.924

90, 16.724,
170.225

51, 49.564,
359.978

96, 23.215,
170.570

47, 56.649, 2.548

96, 20.506,
186.054

44, 62.398, 5.803

96, 19.633,
198.211

43, 66.602, 9.913

41, 69.532, 14.877

41, 69.989, 15.647

Harmonies

Complementary

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



69, 15.509, 353.647



76, 14.868, 170.170

Rectangle

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



69, 15.509, 353.647



69, 15.509, 43.647



69, 15.509, 173.647



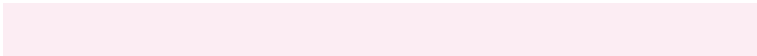
69, 15.509, 223.647

Sweetspot

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



69, 15.507, 353.651



95, 6.090, 352.334



68, 21.545, 314.360



51, 4.077, 352.406



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, 15.507, 353.651



85, 22.918, 354.095



70, 12.613, 32.333



38, 4.668, 352.678



34, 60.478, 14.781



3, 14.884, 0.305

Inverse Universe

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



69, 15.507, 353.651



85, 22.918, 354.095



75, 11.145, 212.142



38, 4.668, 352.678



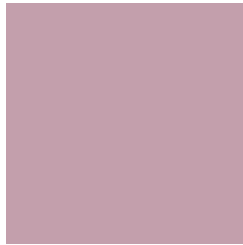
34, 60.478, 14.781



3, 14.884, 0.305

Previews

White Background



This preview shows how the CIELCh color 69, 15.509, 353.647 looks on a white background.

Color Contrast Check

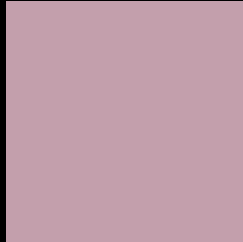
Large Text (above 18pt) WCAG AA × Fail

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, 15.509, 353.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

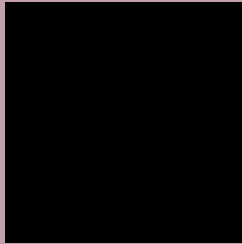
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 15.509, 353.647

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.509, 353.647.



This preview shows how white text looks on a background with the CIELCh color 69, 15.509, 353.647.

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, 15.509, 353.647

Protanopia
69, 4.966, 294.954

Deuteranopia
69, 9.143, 351.606



Tritanopia
69, 15.291, 355.498

Trichromacy



Original Color
69, 15.509, 353.647

Protanomaly
69, 7.385, 332.046

Deuteranomaly
69, 11.104, 354.124

Tritanomaly
69, 15.291, 355.498

Monochromacy



Original Color
69, 15.509, 353.647

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.418, 356.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 15.509, 353.647 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(195, 159, 172)` looks like.

```
.text, #text, p{  
    color:rgb(195, 159, 172)  
}
```

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(195, 159, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 159, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.509, 353.647 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(195, 159, 172) }
```

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

```
.border{ border-color:rgb(195, 159, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 159, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 159, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 159, 172); box-shadow:4px 4px 4px 4px rgb(195, 159, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.509, 353.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 159, 172) }
```

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

```
.background{ background-color: rgb(195,  
159, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor