

Converting Colors

CIELCh(39, 69.189, 320.417)

Have a look what the booklet for
CIELCh(39, 69.189, 320.417)
contains.

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Color

CIELCh(39, 69.506, 320.389)

Conversions

Conversions Part 1

Format	Color
Hex	8B34A5
RGB	139, 52, 165
RGB Percent	55%, 20%, 65%
CMY	0.4549, 0.7961, 0.3530
CMYK	0.16, 0.68, 0.00, 0.35
HSL	286°, 52%, 43%
HSV	286°, 68%, 65%
XYZ	18.6632, 10.6589, 36.6649
YIQ	90.8950, 15.5790, 53.5870

Conversions

Conversions Part 2

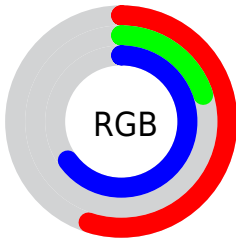
Format	Color
R_{YB}	139, 52, 165
Decimal	9122981
CIE _{Lab}	39.00, 53.55, -44.32
CIE _{LCh}	39, 69.506, 320.389
Yxy	10.6589, 0.2828, 0.1615
Android (android.graphics.Color)	4287313061 (0xFF8B34A5)
YUV	90.8950, 36.5338, 42.1881
Hunter-Lab	32.6480, 44.9051, -43.7312

Details

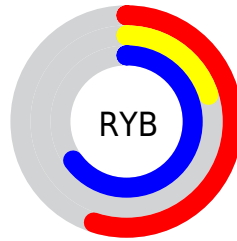
The CIELCh color $39, 69.506, 320.389$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $61, 67.777, 134.140$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 69.857, 320.259$, and $20, 64.504, 319.649$ is the 20% darker color. If you saturate the color by 10%, you get $36, 76.629, 320.404$, and if you desaturate by 10%, it is $42, 60.838, 320.209$.

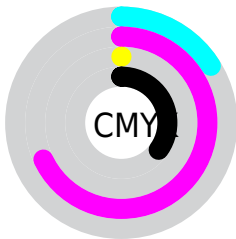
Distribution



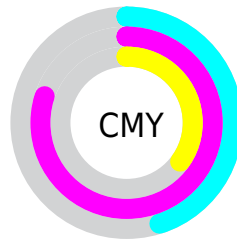
- Red (55%)
- Green (20%)
- Blue (65%)



- Red (55%)
- Yellow (20%)
- Blue (65%)



- Cyan (16%)
- Magenta (68%)
- Yellow (0%)
- Black (35%)




- Cyan (45%)
- Magenta (80%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 69.506, 320.389 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 39, 69.506, 320.389 by changing the saturation by 10% instead.


 39, 69.506,
320.389


 39, 69.506,
320.389

 100, 69.506,
320.389


 29, 69.506,
320.389

 59, 69.506,
320.389


 19, 69.506,
320.389


 69, 69.506,
320.389

 9, 69.506, 320.389

 79, 69.506,
320.389

 0, 69.506, 320.389

 89, 69.506,
320.389

 99, 69.506,
320.389

39, 69.506,
320.389

39, 69.506,
320.389

36, 76.629,
320.404

42, 60.838,
320.209

34, 81.764,
320.204

46, 51.121,
319.912

33, 84.936,
319.792

50, 40.781,
319.538

32, 85.382,
319.729

55, 30.149,
319.122

59, 19.457,
318.686

64, 8.858, 318.244

68, 1.552, 137.955

73, 11.717,
137.458

■ 78, 21.611,
137.076

Harmonies

Complementary

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



39, 69.506, 320.389



61, 67.777, 134.140

Rectangle

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



39, 69.506, 320.389



39, 69.506, 10.389



39, 69.506, 140.389



39, 69.506, 190.389

Sweetspot

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



39, 69.505, 320.389



74, 27.387, 318.814



36, 53.553, 291.605



37, 18.532, 318.927



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



39, 69.505, 320.389



46, 96.519, 320.333



42, 58.982, 338.299



32, 5.855, 318.278



28, 77.773, 319.811



1, 8.910, 316.304

Inverse Universe

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



40, 49.351, 12.620



47, 70.510, 18.417



60, 60.113, 145.814



32, 3.796, 1.777



30, 59.443, 25.928



1, 5.730, 2.607

Previews

White Background



This preview shows how the CIELCh color 39, 69.506, 320.389 looks on a white 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 × Fail

Black Background



This preview shows how the CIELCh color 39, 69.506, 320.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

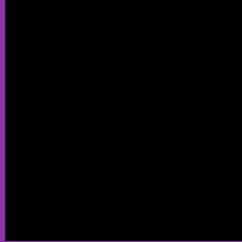
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 69.506, 320.389

Background



This preview shows how black text looks on a background with the CIELCh color 39, 69.506, 320.389.

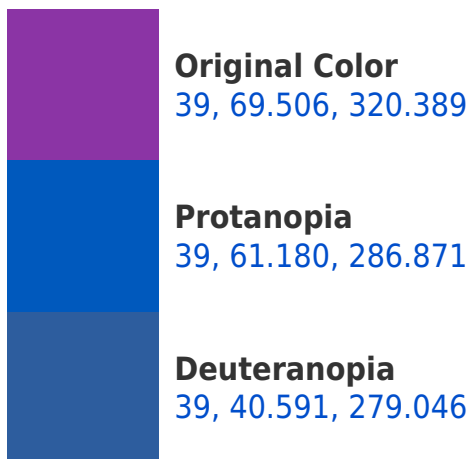


This preview shows how white text looks on a background with the CIELCh color 39, 69.506, 320.389.

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
39, 22.550, 13.862

Trichromacy



Original Color
39, 69.506, 320.389

Protanomaly
36, 63.864, 294.693

Deuteranomaly
37, 50.998, 297.889

Tritanomaly
38, 35.771, 337.891

Monochromacy



Original Color
39, 69.506, 320.389

Achromatopsia
39, 0.005, 296.813

Achromatomaly
37, 27.905, 318.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 69.506, 320.389 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(139, 52, 165)` looks like.

```
.text, #text, p{  
    color:rgb(139, 52, 165)  
}
```

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(139, 52, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 52, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 69.506, 320.389 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(139, 52, 165) }
```

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

```
.border{ border-color:rgb(139, 52, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 52, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 52, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 52, 165);  
box-shadow:4px 4px 4px 4px rgb(139, 52,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 69.506, 320.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 52, 165) }
```

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

```
.background{ background-color: rgb(139, 52,  
165) }
```

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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