

Converting Colors

CIELCh(39, 52.203, 327.589)

Have a look what the booklet for
CIELCh(39, 52.203, 327.589)
contains.

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Color

CIELCh(39, 52.220, 327.604)

Conversions

Conversions Part 1

Format	Color
Hex	8B3D8A
RGB	139, 61, 138
RGB Percent	55%, 24%, 54%
CMY	0.4549, 0.7608, 0.4589
CMYK	0.00, 0.56, 0.01, 0.45
HSL	301°, 39%, 39%
HSV	301°, 56%, 55%
XYZ	16.9004, 10.6589, 25.2071
YIQ	93.1000, 21.7710, 40.4830

Conversions

Conversions Part 2

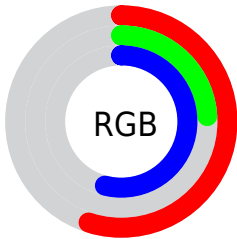
Format	Color
R_{YB}	139, 61, 138
Decimal	9125258
CIE _{Lab}	39.00, 44.09, -27.98
CIE _{LCh}	39, 52.220, 327.604
Yxy	10.6589, 0.3203, 0.2020
Android (android.graphics.Color)	4287315338 (0xFF8B3D8A)
YUV	93.1000, 22.1357, 40.2543
Hunter-Lab	32.6480, 35.2673, -22.9233

Details

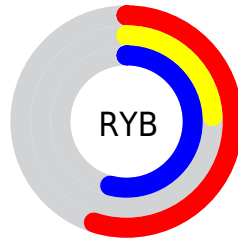
The CIELCh color $[39, 52.220, 327.604]$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $[52, 52.638, 140.182]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 51.970, 327.354]$, and $[19, 52.320, 327.326]$ is the 20% darker color. If you saturate the color by 10%, you get $[37, 59.495, 327.984]$, and if you desaturate by 10%, it is $[42, 43.861, 327.165]$.

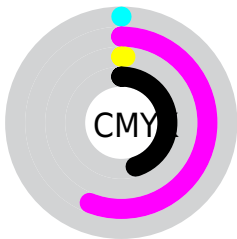
Distribution



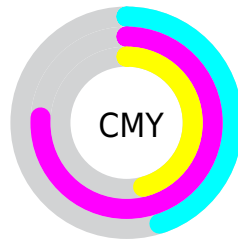
- Red (55%)
- Green (24%)
- Blue (54%)



- Red (55%)
- Yellow (24%)
- Blue (54%)



- Cyan (0%)
- Magenta (56%)
- Yellow (1%)
- Black (45%)



- Cyan (45%)
- Magenta (76%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 52.220, 327.604 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, 52.220, 327.604 by changing the saturation by 10% instead.

 39, 52.220,
327.604


 39, 52.220,
327.604

 100, 52.220,
327.604


 29, 52.220,
327.604

 59, 52.220,
327.604

 19, 52.220,
327.604

 69, 52.220,
327.604

 9, 52.220, 327.604

 79, 52.220,
327.604

 0, 52.220, 327.604

 89, 52.220,
327.604

 99, 52.220,
327.604

39, 52.220,
327.604

39, 52.220,
327.604

37, 59.495,
327.984

42, 43.861,
327.165

35, 65.348,
328.293

45, 34.774,
326.680

34, 69.520,
328.524

48, 25.264,
326.165

33, 72.028,
328.681

52, 15.574,
325.630

32, 72.866,
328.736

56, 5.882, 325.075

59, 3.689, 144.635

63, 13.063,
144.080

67, 22.191,
143.576

■ 71, 31.052,
143.098

Harmonies

Complementary

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



39, 52.220, 327.604



52, 52.638, 140.182

Rectangle

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



39, 52.220, 327.604



39, 52.220, 17.604



39, 52.220, 147.604



39, 52.220, 197.604

Sweetspot

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



39, 52.218, 327.604



66, 20.391, 325.698



30, 49.606, 298.389



34, 13.753, 325.791



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



39, 52.218, 327.604



47, 74.085, 328.063



37, 38.394, 349.704



27, 5.394, 325.248



31, 70.425, 328.734



0, 2.490, 324.781

Inverse Universe

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



39, 52.218, 327.604



47, 74.085, 328.063



52, 36.333, 157.749



27, 5.394, 325.248



31, 70.425, 328.734



0, 2.490, 324.781

Previews

White Background



This preview shows how the CIELCh color 39, 52.220, 327.604 looks on a white background.

Color Contrast Check

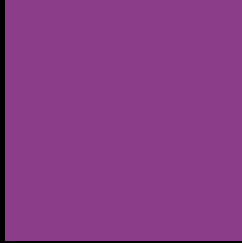
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.220, 327.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

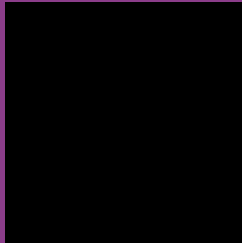
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 52.220, 327.604

Background



This preview shows how black text looks on a background with the CIELCh color 39, 52.220, 327.604.

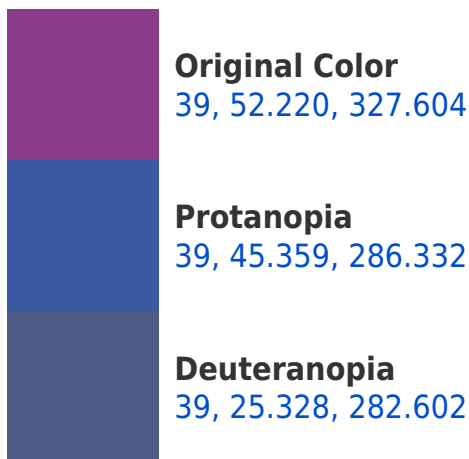


This preview shows how white text looks on a background with the CIELCh color 39, 52.220, 327.604.

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, 25.366, 16.783

Trichromacy



Original Color
39, 52.220, 327.604

Protanomaly
38, 46.764, 299.845

Deuteranomaly
38, 33.915, 306.229

Tritanomaly
39, 31.833, 349.363

Monochromacy



Original Color
39, 52.220, 327.604

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 20.745, 326.752

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 52.220, 327.604 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, 61, 138)` looks like.

```
.text, #text, p{  
    color:rgb(139, 61, 138)  
}
```

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, 61, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 61, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 52.220, 327.604 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, 61, 138) }
```

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

```
.border{ border-color:rgb(139, 61, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 61, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 61, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 61, 138);  
box-shadow:4px 4px 4px 4px rgb(139, 61,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 52.220, 327.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 61, 138) }
```

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

```
.background{ background-color: rgb(139, 61,  
138) }
```

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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