

Converting Colors

CIELCh(41, 57.217, 321.632)

Have a look what the booklet for
CIELCh(41, 57.217, 321.632)
contains.

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Color

CIELCh(41, 57.105, 321.380)

Conversions

Conversions Part 1

Format	Color
Hex	8B439C
RGB	139, 67, 156
RGB Percent	55%, 26%, 61%
CMY	0.4556, 0.7379, 0.3889
CMYK	0.11, 0.57, 0.00, 0.39
HSL	289°, 40%, 44%
HSV	289°, 57%, 61%
XYZ	18.6036, 11.8645, 32.6880
YIQ	98.6740, 14.3430, 42.9430

Conversions

Conversions Part 2

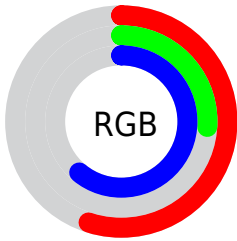
Format	Color
R_{YB}	139, 67, 156
Decimal	9126812
CIE _{Lab}	41.00, 44.62, -35.64
CIE _{LCh}	41, 57.105, 321.380
Yxy	11.8645, 0.2946, 0.1879
Android (android.graphics.Color)	4287316892 (0xFF8B439C)
YUV	98.6740, 28.2617, 35.3659
Hunter-Lab	34.4449, 36.1285, -32.1543

Details

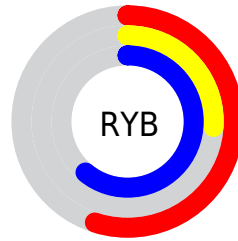
The CIELCh color $41, 57.105, 321.380$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $58, 56.077, 135.718$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 56.885, 321.502$, and $21, 56.892, 321.369$ is the 20% darker color. If you saturate the color by 10%, you get $38, 65.454, 321.589$, and if you desaturate by 10%, it is $45, 47.765, 321.066$.

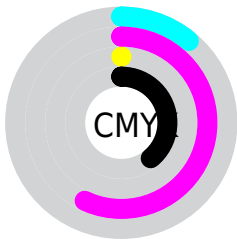
Distribution



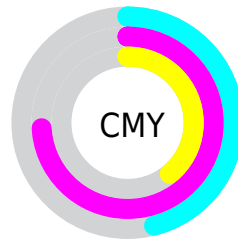
- Red (55%)
- Green (26%)
- Blue (61%)



- Red (55%)
- Yellow (26%)
- Blue (61%)



- Cyan (11%)
- Magenta (57%)
- Yellow (0%)
- Black (39%)




- Cyan (46%)
- Magenta (74%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 57.105, 321.380 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 41, 57.105, 321.380 by changing the saturation by 10% instead.


 41, 57.105,
321.380


 41, 57.105,
321.380


 100, 57.105,
321.380


 31, 57.105,
321.380

 61, 57.105,
321.380


 21, 57.105,
321.380

 71, 57.105,
321.380

 11, 57.105,
321.380


 81, 57.105,
321.380

 1, 57.105, 321.380

 91, 57.105,
321.380

 0, 57.105, 321.380

 41, 57.105,

 41, 57.105,

321.380

■ 38, 65.454,
321.589

■ 35, 72.369,
321.652

■ 33, 77.437,
321.528

■ 32, 80.576,
321.206

■ 31, 81.387,
321.107

321.380

■ 45, 47.765,
321.066

■ 48, 37.835,
320.682

■ 53, 27.620,
320.258

■ 57, 17.342,
319.815

■ 61, 7.147, 319.361

■ 66, 2.870, 139.018

■ 70, 12.656,
138.561

■ 75, 22.181,
138.169

■ 79, 31.433,
137.806

Harmonies

Complementary

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



41, 57.105, 321.380



58, 56.077, 135.718

Rectangle

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



41, 57.105, 321.380



41, 57.105, 11.380



41, 57.105, 141.380



41, 57.105, 191.380

Sweetspot

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



41, 57.103, 321.380



72, 21.248, 319.825



38, 43.736, 290.225



37, 14.342, 319.907



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



41, 57.103, 321.380



48, 82.074, 321.628



42, 47.996, 338.759



31, 5.765, 319.461



29, 76.336, 321.157



1, 7.417, 318.124

Inverse Universe

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



41, 39.665, 12.300



48, 58.747, 16.195



58, 47.851, 148.752



31, 3.644, 4.705



29, 60.055, 28.885



1, 4.641, 4.691

Previews

White Background



This preview shows how the CIELCh color 41, 57.105, 321.380 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 41, 57.105, 321.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

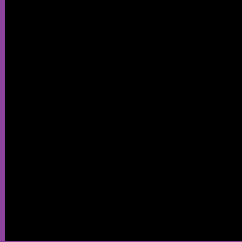
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 57.105, 321.380

Background



This preview shows how black text looks on a background with the CIELCh color 41, 57.105, 321.380.



This preview shows how white text looks on a background with the CIELCh color 41, 57.105, 321.380.

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

41, 57.105, 321.380

Protanopia

41, 53.381, 287.053

Deuteranopia

41, 32.660, 280.508



Tritanopia
41, 20.545, 10.837

Trichromacy



Original Color
41, 57.105, 321.380

Protanomaly
40, 53.420, 297.294

Deuteranomaly
40, 40.348, 299.924

Tritanomaly
41, 30.908, 338.519

Monochromacy



Original Color
41, 57.105, 321.380

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 22.509, 319.600

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 57.105, 321.380 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, 67, 156)` looks like.

```
.text, #text, p{  
    color:rgb(139, 67, 156)  
}
```

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, 67, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 67, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 57.105, 321.380 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, 67, 156) }
```

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

```
.border{ border-color:rgb(139, 67, 156) }
```

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

Here you see how a box with a 4 pixel rgb(139, 67, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 67, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 67, 156);  
box-shadow:4px 4px 4px 4px rgb(139, 67,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 57.105, 321.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 67, 156) }
```

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

```
.background{ background-color: rgb(139, 67,  
156) }
```

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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