

Converting Colors

CIELCh(44, 72.049, 335.379)

Have a look what the booklet for
CIELCh(44, 72.049, 335.379)
contains.

CIELCh(44, 72.050, 335.550)	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(44, 72.050, 335.550)

Conversions

Conversions Part 1

Format	Color
Hex	B6299B
RGB	182, 41, 155
RGB Percent	71%, 16%, 61%
CMY	0.2872, 0.8404, 0.3930
CMYK	0.00, 0.78, 0.15, 0.29
HSL	311°, 63%, 44%
HSV	311°, 78%, 71%
XYZ	25.9123, 13.8382, 32.2155
YIQ	96.1550, 47.4420, 65.3460

Conversions

Conversions Part 2

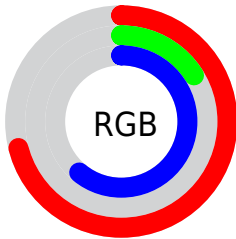
Format	Color
R_{YB}	182, 41, 155
Decimal	11938203
CIE _{Lab}	44.00, 65.59, -29.82
CIE _{LCh}	44, 72.050, 335.550
Yxy	13.8382, 0.3601, 0.1923
Android (android.graphics.Color)	4290128283 (0xFFB6299B)
YUV	96.1550, 29.0106, 75.2861
Hunter-Lab	37.1997, 59.2384, -25.3061

Details

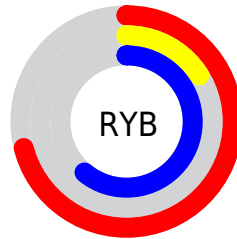
The CIELCh color $44, 72.050, 335.550$ is a dark color, and the websafe version is hex $CC3399$. A complement of this color would be $65, 75.533, 141.871$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 72.170, 335.442$, and $28, 59.678, 336.399$ is the 20% darker color. If you saturate the color by 10%, you get $42, 75.597, 336.413$, and if you desaturate by 10%, it is $46, 66.322, 334.762$.

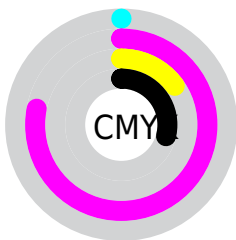
Distribution



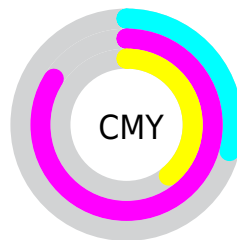
- Red (71%)
- Green (16%)
- Blue (61%)



- Red (71%)
- Yellow (16%)
- Blue (61%)



- Cyan (0%)
- Magenta (78%)
- Yellow (15%)
- Black (29%)



- Cyan (29%)
- Magenta (84%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 72.050, 335.550 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 44, 72.050, 335.550 by changing the saturation by 10% instead.


 44, 72.050,
335.550

 44, 72.050,
335.550


 100, 72.050,
335.550

 34, 72.050,
335.550

 64, 72.050,
335.550

 24, 72.050,
335.550

 74, 72.050,
335.550

 14, 72.050,
335.550

 84, 72.050,
335.550

 4, 72.050, 335.550

 94, 72.050,
335.550

 0, 72.050, 335.550

 44, 72.050,

 44, 72.050,

335.550

335.550

■ 42, 75.597,
336.413

■ 46, 66.322,
334.762

■ 41, 77.027,
337.379

■ 49, 58.745,
334.022

■ 41, 77.258,
337.616

■ 53, 49.769,
333.312

■ 57, 39.858,
332.623

■ 61, 29.411,
331.953

■ 66, 18.735,
331.299

■ 70, 8.051, 330.653

■ 75, 2.497, 150.199

■ 80, 12.820,
149.530

Harmonies

Complementary

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



44, 72.050, 335.550



65, 75.533, 141.871

Rectangle

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



44, 72.050, 335.550



44, 72.050, 25.550



44, 72.050, 155.550



44, 72.050, 205.550

Sweetspot

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



44, 72.047, 335.550



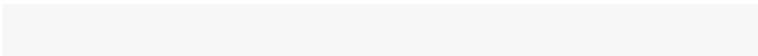
80, 30.420, 331.676



30, 86.066, 305.730



41, 21.224, 331.913



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



44, 72.047, 335.550



54, 93.674, 337.078



41, 58.588, 9.021



36, 6.051, 330.766



35, 68.986, 337.480



3, 15.516, 333.456

Inverse Universe

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



44, 72.047, 335.550



54, 93.674, 337.078



66, 48.630, 165.105



36, 6.051, 330.766



35, 68.986, 337.480



3, 15.516, 333.456

Previews

White Background



This preview shows how the CIELCh color 44, 72.050, 335.550 looks on a white background.

Color Contrast Check

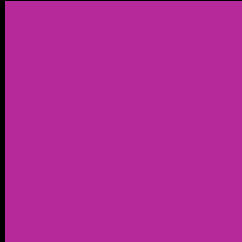
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 44, 72.050, 335.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

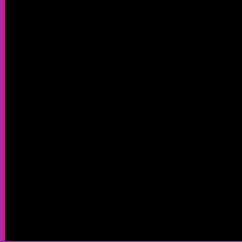
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 72.050, 335.550

Background



This preview shows how black text looks on a background with the CIELCh color 44, 72.050, 335.550.



This preview shows how white text looks on a background with the CIELCh color 44, 72.050, 335.550.

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

44, 72.050, 335.550

Protanopia

45, 62.113, 287.213

Deuteranopia

45, 25.319, 283.756



Tritanopia
44, 47.121, 24.545

Trichromacy



Original Color
44, 72.050, 335.550



Protanomaly
41, 64.563, 301.428



Deuteranomaly
42, 43.476, 315.489



Tritanomaly
43, 51.463, 1.015

Monochromacy



Original Color
44, 72.050, 335.550



Achromatopsia
41, 0.006, 296.813



Achromatomaly
40, 31.611, 332.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 72.050, 335.550 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(182, 41, 155)` looks like.

```
.text, #text, p{  
    color:rgb(182, 41, 155)  
}
```

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(182, 41, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 41, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 72.050, 335.550 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(182, 41, 155) }
```

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

```
.border{ border-color:rgb(182, 41, 155) }
```

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

Here you see how a box with a 4 pixel rgb(182, 41, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 41, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 41, 155);  
box-shadow:4px 4px 4px 4px rgb(182, 41,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 72.050, 335.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 41, 155) }
```

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

```
.background{ background-color: rgb(182, 41,  
155) }
```

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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