

Converting Colors

CIELCh(41, 56.109, 353.572)

Have a look what the booklet for
CIELCh(41, 56.109, 353.572)
contains.

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Color

CIELCh(41, 56.018, 353.229)

Conversions

Conversions Part 1

Format	Color
Hex	AC2E6D
RGB	172, 46, 109
RGB Percent	67%, 18%, 43%
CMY	0.3248, 0.8189, 0.5720
CMYK	0.00, 0.73, 0.37, 0.32
HSL	330°, 58%, 43%
HSV	330°, 73%, 68%
XYZ	20.8017, 11.8645, 15.7020
YIQ	90.8560, 54.8730, 46.3050

Conversions

Conversions Part 2

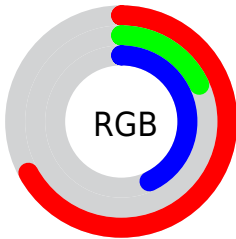
Format	Color
R_{YB}	172, 46, 109
Decimal	11284077
CIE _{Lab}	41.00, 55.63, -6.60
CIE _{LCh}	41, 56.018, 353.229
Yxy	11.8645, 0.4301, 0.2453
Android (android.graphics.Color)	4289474157 (0xFFAC2E6D)
YUV	90.8560, 8.9450, 71.1633
Hunter-Lab	34.4449, 47.5197, -2.9163

Details

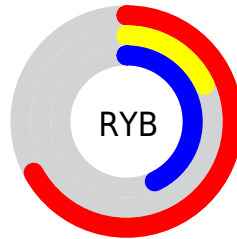
The CIELCh color **41, 56.018, 353.229** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **63, 53.696, 154.805**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 55.768, 353.516**, and **24, 47.762, 356.605** is the 20% darker color. If you saturate the color by 10%, you get **39, 60.019, 355.870**, and if you desaturate by 10%, it is **44, 50.384, 351.124**.

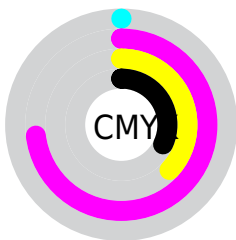
Distribution



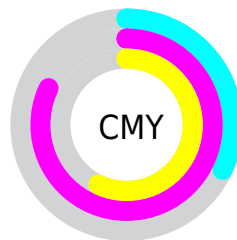
- Red (67%)
- Green (18%)
- Blue (43%)



- Red (67%)
- Yellow (18%)
- Blue (43%)



- Cyan (0%)
- Magenta (73%)
- Yellow (37%)
- Black (32%)





- Cyan (32%)
- Magenta (82%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 56.018, 353.229 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, 56.018, 353.229 by changing the saturation by 10% instead.


 41, 56.018,
353.229


 41, 56.018,
353.229


 100, 56.018,
353.229


 31, 56.018,
353.229

 61, 56.018,
353.229


 21, 56.018,
353.229

 71, 56.018,
353.229

 11, 56.018,
353.229

 81, 56.018,
353.229

 1, 56.018, 353.229

 91, 56.018,
353.229

 0, 56.018, 353.229

 41, 56.018,

 41, 56.018,

353.229

353.229

■ 39, 60.019,
355.870

■ 44, 50.384,
351.124

■ 38, 62.244,
359.201

■ 47, 43.489,
349.412

■ 37, 63.158, 1.780

■ 51, 35.751,
347.984

■ 55, 27.543,
346.763

■ 60, 19.156,
345.695

■ 64, 10.789,
344.736

■ 69, 2.571, 343.778

■ 74, 5.426, 163.214

■ 79, 13.164,
162.466

Harmonies

Complementary

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



41, 56.018, 353.229



63, 53.696, 154.805

Rectangle

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



41, 56.018, 353.229



41, 56.018, 43.229



41, 56.018, 173.229



41, 56.018, 223.229

Sweetspot

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



41, 56.015, 353.230



77, 22.545, 345.616



34, 76.214, 312.490



39, 15.157, 345.880



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



41, 56.015, 353.230



50, 75.126, 357.912



40, 59.234, 31.192



34, 4.642, 344.383



32, 57.246, 1.273



2, 9.135, 348.818

Inverse Universe

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



41, 56.015, 353.230



50, 75.126, 357.912



64, 34.141, 196.633



34, 4.642, 344.383



32, 57.246, 1.273



2, 9.135, 348.818

Previews

White Background



This preview shows how the CIELCh color 41, 56.018, 353.229 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 41, 56.018, 353.229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

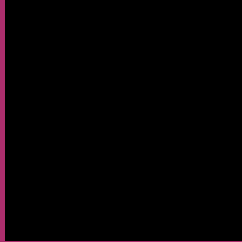
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 56.018, 353.229

Background



This preview shows how black text looks on a background with the CIELCh color 41, 56.018, 353.229.



This preview shows how white text looks on a background with the CIELCh color 41, 56.018, 353.229.

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
41, 50.739, 26.788

Trichromacy



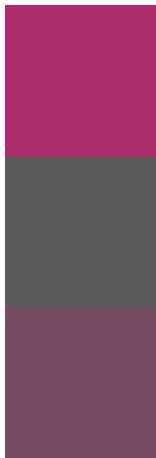
Original Color
41, 56.018, 353.229

Protanomaly
39, 34.500, 317.741

Deuteranomaly
40, 27.019, 345.271

Tritanomaly
41, 50.480, 13.737

Monochromacy



Original Color
41, 56.018, 353.229

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 23.659, 347.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 56.018, 353.229 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(172, 46, 109)` looks like.

```
.text, #text, p{  
    color:rgb(172, 46, 109)  
}
```

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(172, 46, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 46, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 56.018, 353.229 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(172, 46, 109) }
```

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

```
.border{ border-color:rgb(172, 46, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 46, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 46, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 46, 109);  
box-shadow:4px 4px 4px 4px rgb(172, 46,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 56.018, 353.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 46, 109) }
```

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

```
.background{ background-color: rgb(172, 46,  
109) }
```

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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