

Converting Colors

CIELCh(41, 56.563, 293.676)

Have a look what the booklet for
CIELCh(41, 56.563, 293.676)
contains.

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Color

CIELCh(41, 56.114, 293.509)

Conversions

Conversions Part 1

Format	Color
Hex	4859B6
RGB	72, 89, 182
RGB Percent	28%, 35%, 71%
CMY	0.7183, 0.6515, 0.2869
CMYK	0.60, 0.51, 0.00, 0.29
HSL	231°, 43%, 50%
HSV	231°, 60%, 71%
XYZ	14.6483, 11.8645, 45.6895
YIQ	94.5190, -39.9850, 25.3190

Conversions

Conversions Part 2

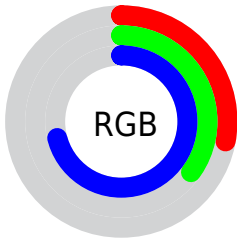
Format	Color
R _Y B	72, 87, 182
Decimal	4741558
CIE _L ab	41.00, 22.38, -51.46
CIE _L Ch	41, 56.114, 293.509
Yxy	11.8645, 0.2029, 0.1643
Android (android.graphics.Color)	4282931638 (0xFF4859B6)
YUV	94.5190, 43.1281, -19.7492
Hunter-Lab	34.4449, 15.6318, -54.5338

Details

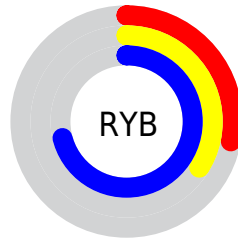
The CIELCh color **41, 56.114, 293.509** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **67, 49.616, 96.167**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 56.147, 293.477**, and **21, 55.838, 294.816** is the 20% darker color. If you saturate the color by 10%, you get **36, 66.526, 296.173**, and if you desaturate by 10%, it is **46, 45.986, 291.091**.

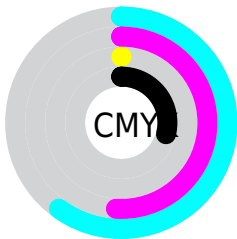
Distribution



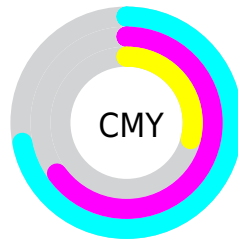
- Red (28%)
- Green (35%)
- Blue (71%)



- Red (28%)
- Yellow (34%)
- Blue (71%)



- Cyan (60%)
- Magenta (51%)
- Yellow (0%)
- Black (29%)





- Cyan (72%)
- Magenta (65%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 56.114, 293.509 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, 56.114, 293.509 by changing the saturation by 10% instead.


 41, 56.114,
293.509


 41, 56.114,
293.509


 100, 56.114,
293.509


 31, 56.114,
293.509


 61, 56.114,
293.509


 21, 56.114,
293.509


 71, 56.114,
293.509

 11, 56.114,
293.509


 81, 56.114,
293.509

 1, 56.114, 293.509

 91, 56.114,
293.509

 0, 56.114, 293.509

 41, 56.114,

 41, 56.114,

293.509

■ 36, 66.526,
296.173

■ 31, 76.968,
298.951

■ 27, 86.844,
301.621

■ 24, 94.842,
303.734

293.509

■ 46, 45.986,
291.091

■ 52, 36.215,
288.963

■ 57, 26.799,
287.124

■ 63, 17.713,
285.550

■ 68, 8.929, 284.209

■ 74, 0.424, 283.332

■ 79, 7.821, 102.031

■ 85, 15.823,
101.181

■ 90, 23.595,

Harmonies

Complementary

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



41, 56.114, 293.509



67, 49.616, 96.167

Rectangle

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



41, 56.114, 293.509



41, 56.114, 343.509



41, 56.114, 113.509



41, 56.114, 163.509

Sweetspot

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



41, 56.114, 293.510



82, 19.233, 285.237



68, 35.697, 179.985



42, 13.537, 285.655



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



41, 56.114, 293.510



45, 85.963, 297.209



40, 66.770, 307.404



36, 4.849, 284.068



20, 83.738, 303.465



2, 13.648, 285.282

Inverse Universe

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



46, 47.904, 16.173



55, 71.290, 20.753



69, 58.545, 120.014



36, 4.081, 7.518



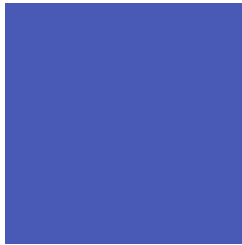
32, 65.710, 31.897



2, 10.804, 10.077

Previews

White Background



This preview shows how the CIE LCh color 41, 56.114, 293.509 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, 56.114, 293.509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

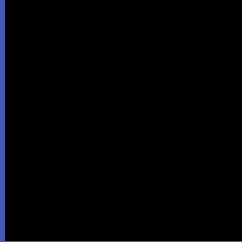
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 56.114, 293.509

Background



This preview shows how black text looks on a background with the CIELCh color 41, 56.114, 293.509.



This preview shows how white text looks on a background with the CIELCh color 41, 56.114, 293.509.

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, 20.714, 212.664

Trichromacy



Original Color
41, 56.114, 293.509

Protanomaly
41, 56.388, 289.144

Deuteranomaly
40, 49.951, 281.386

Tritanomaly
40, 27.094, 263.496

Monochromacy



Original Color
41, 56.114, 293.509

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 20.799, 287.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 56.114, 293.509 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(72, 89, 182)` looks like.

```
.text, #text, p{  
    color:rgb(72, 89, 182)  
}
```

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(72, 89, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 89, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 56.114, 293.509 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(72, 89, 182) }
```

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

```
.border{ border-color:rgb(72, 89, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 89, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 89, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 89, 182);  
box-shadow:4px 4px 4px 4px rgb(72, 89,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 56.114, 293.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 89, 182) }
```

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

```
.background{ background-color: rgb(72, 89,  
182) }
```

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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