

Converting Colors

CIELCh(41, 47.938, 297.143)

Have a look what the booklet for
CIELCh(41, 47.938, 297.143)
contains.

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Color

CIELCh(41, 47.819, 297.116)

Conversions

Conversions Part 1

Format	Color
Hex	5958A7
RGB	89, 88, 167
RGB Percent	35%, 35%, 65%
CMY	0.6515, 0.6553, 0.3456
CMYK	0.47, 0.47, 0.00, 0.35
HSL	241°, 31%, 50%
HSV	241°, 47%, 65%
XYZ	14.5522, 11.8645, 38.0222
YIQ	97.3050, -24.7630, 24.7810

Conversions

Conversions Part 2

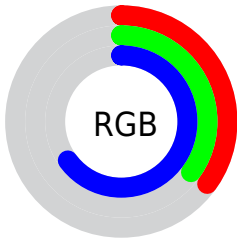
Format	Color
R_{YB}	89, 88, 167
Decimal	5855399
CIE _{Lab}	41.00, 21.80, -42.56
CIE _{LCh}	41, 47.819, 297.116
Yxy	11.8645, 0.2258, 0.1841
Android (android.graphics.Color)	4284045479 (0xFF5958A7)
YUV	97.3050, 34.3596, -7.2835
Hunter-Lab	34.4449, 15.1334, -41.3362

Details

The CIELCh color $41, 47.819, 297.116$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $67, 42.155, 106.329$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 47.920, 296.998$, and $21, 47.413, 296.880$ is the 20% darker color. If you saturate the color by 10%, you get $35, 59.049, 299.096$, and if you desaturate by 10%, it is $47, 36.936, 295.350$.

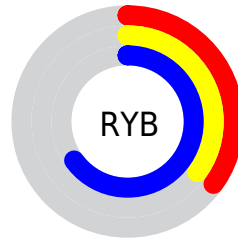
Distribution



Red (35%)

Green (35%)

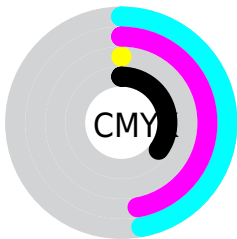
Blue (65%)



Red (35%)

Yellow (35%)

Blue (65%)

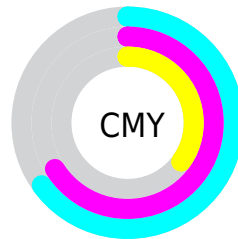


Cyan (47%)

Magenta (47%)

Yellow (0%)

Black (35%)



Cyan (65%)


Magenta (66%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 47.819, 297.116 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, 47.819, 297.116 by changing the saturation by 10% instead.


 41, 47.819,
297.116


 41, 47.819,
297.116


 100, 47.819,
297.116


 31, 47.819,
297.116


 61, 47.819,
297.116


 21, 47.819,
297.116


 71, 47.819,
297.116

 11, 47.819,
297.116

 81, 47.819,
297.116

 1, 47.819, 297.116

 91, 47.819,
297.116

 0, 47.819, 297.116

 41, 47.819,

 41, 47.819,

297.116

■ 35, 59.049,
299.096

■ 30, 70.362,
301.204

■ 26, 81.106,
303.255

■ 22, 90.054,
304.955

■ 20, 95.939,
306.058

■ 19, 97.348,
306.329

297.116

■ 47, 36.936,
295.350

■ 53, 26.480,
293.817

■ 58, 16.451,
292.504


■ 64, 6.826, 291.390

■ 70, 2.425, 110.410

■ 76, 11.329,
109.616

■ 81, 19.912,
108.926

■ 87, 28.195,
108.333

 93, 36.201,
107.821

Harmonies

Complementary

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



41, 47.819, 297.116



67, 42.155, 106.329

Rectangle

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



41, 47.819, 297.116



41, 47.819, 347.116



41, 47.819, 117.116



41, 47.819, 167.116

Sweetspot

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



41, 47.818, 297.117



77, 16.339, 292.141



64, 25.333, 197.281



39, 11.418, 292.385



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



41, 47.818, 297.117



46, 72.718, 299.242



45, 48.748, 311.426



32, 5.324, 291.594



16, 89.080, 306.335



0, 9.560, 290.601

Inverse Universe

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



49, 52.099, 327.245



59, 75.583, 327.708



64, 45.527, 126.901



33, 6.375, 325.255



35, 76.257, 328.726



2, 11.533, 324.912

Previews

White Background



This preview shows how the CIELCh color 41, 47.819, 297.116 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, 47.819, 297.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

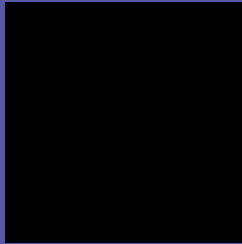
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 47.819, 297.116

Background



This preview shows how black text looks on a background with the CIELCh color 41, 47.819, 297.116.



This preview shows how white text looks on a background with the CIELCh color 41, 47.819, 297.116.

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, 11.291, 223.951

Trichromacy



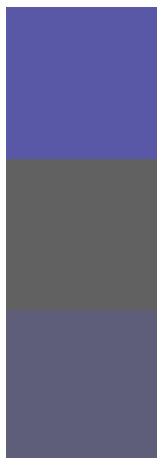
Original Color
41, 47.819, 297.116

Protanomaly
41, 47.848, 289.879

Deuteranomaly
41, 43.928, 285.373

Tritanomaly
41, 21.224, 277.353

Monochromacy



Original Color
41, 47.819, 297.116

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 17.030, 292.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 47.819, 297.116 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(89, 88, 167)` looks like.

```
.text, #text, p{  
    color:rgb(89, 88, 167)  
}
```

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(89, 88, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 88, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 47.819, 297.116 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(89, 88, 167) }
```

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

```
.border{ border-color:rgb(89, 88, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 88, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 88, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 88, 167);  
box-shadow:4px 4px 4px 4px rgb(89, 88,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 47.819, 297.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 88, 167) }
```

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

```
.background{ background-color: rgb(89, 88,  
167) }
```

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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