

Converting Colors

CIELCh(41, 21.463, 299.156)

Have a look what the booklet for
CIELCh(41, 21.463, 299.156)
contains.

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Color

CIELCh(41, 21.463, 299.156)

Conversions

Conversions Part 1

Format	Color
Hex	625C7F
RGB	98, 92, 127
RGB Percent	38%, 36%, 50%
CMY	0.6144, 0.6380, 0.5007
CMYK	0.23, 0.28, 0.00, 0.50
HSL	250°, 16%, 43%
HSV	250°, 28%, 50%
XYZ	12.7789, 11.8645, 21.8094
YIQ	97.7840, -7.6590, 12.1570

Conversions

Conversions Part 2

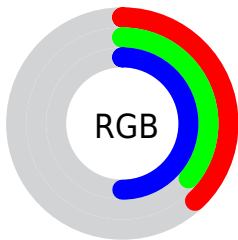
Format	Color
RYB	98, 92, 127
Decimal	6446207
CIELab	41.00, 10.46, -18.74
CIElCh	41, 21.463, 299.156
Yxy	11.8645, 0.2751, 0.2554
Android (android.graphics.Color)	4284636287 (0xFF625C7F)
YUV	97.7840, 14.4035, 0.1894
Hunter-Lab	34.4449, 5.9438, -13.4291

Details

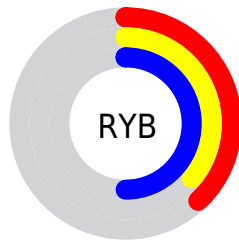
The CIELCh color **41, 21.463, 299.156** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **52, 20.225, 114.995**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 21.645, 299.056**, and **21, 21.803, 299.848** is the 20% darker color. If you saturate the color by 10%, you get **37, 29.817, 300.207**, and if you desaturate by 10%, it is **45, 13.404, 298.231**.

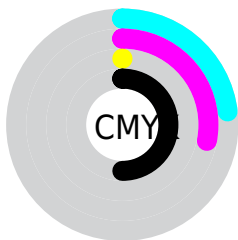
Distribution



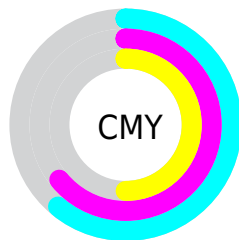
- Red (38%)
- Green (36%)
- Blue (50%)



- Red (38%)
- Yellow (36%)
- Blue (50%)



- Cyan (23%)
- Magenta (28%)
- Yellow (0%)
- Black (50%)





- Cyan (61%)
- Magenta (64%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 21.463, 299.156 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, 21.463, 299.156 by changing the saturation by 10% instead.


 41, 21.463,
299.156


 41, 21.463,
299.156


 100, 21.463,
299.156


 31, 21.463,
299.156

 61, 21.463,
299.156


 21, 21.463,
299.156

 71, 21.463,
299.156

 11, 21.463,
299.156


 81, 21.463,
299.156

 1, 21.463, 299.156

 91, 21.463,
299.156

 0, 21.463, 299.156

 41, 21.463,

 41, 21.463,

299.156

■ 37, 29.817,
300.207

■ 32, 38.445,
301.384

■ 28, 47.262,
302.665

■ 24, 56.071,
303.993

■ 20, 64.455,
305.254

■ 17, 71.694,
306.269

■ 14, 77.339,
306.991

■ 14, 78.796,
307.234

299.156

■ 45, 13.404,
298.231

■ 50, 5.642, 297.427

■ 54, 1.836, 116.730

■ 59, 9.047, 116.128

■ 63, 16.007,
115.608

■ 68, 22.732,
115.159

■ 72, 29.237,
114.771

■ 76, 35.536,
114.436

■ 80, 41.643,

Harmonies

Complementary

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



41, 21.463, 299.156



52, 20.225, 114.995

Rectangle

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



41, 21.463, 299.156



41, 21.463, 349.156



41, 21.463, 119.156



41, 21.463, 169.156

Sweetspot

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



41, 21.462, 299.155



64, 7.474, 297.479



49, 11.155, 216.359



33, 5.366, 297.580



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



41, 21.462, 299.155



50, 32.328, 299.800



43, 22.998, 315.797



24, 4.256, 297.548



14, 78.871, 307.233



0, 0.000, 0.000

Inverse Universe

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



44, 22.210, 331.188



54, 32.999, 331.582



51, 22.487, 133.455



25, 4.531, 330.055



28, 60.718, 336.173



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 41, 21.463, 299.156 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, 21.463, 299.156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

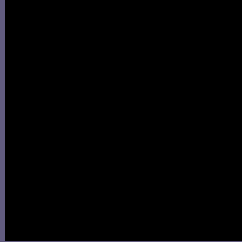
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 21.463, 299.156

Background



This preview shows how black text looks on a background with the CIELCh color 41, 21.463, 299.156.



This preview shows how white text looks on a background with the CIELCh color 41, 21.463, 299.156.

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, 21.463, 299.156

Protanopia

41, 21.348, 285.754

Deuteranopia

41, 19.463, 287.746



Tritanopia
41, 4.394, 274.882

Trichromacy



Original Color
41, 21.463, 299.156

Protanomaly
41, 21.269, 290.422

Deuteranomaly
41, 20.051, 292.090

Tritanomaly
41, 10.350, 293.883

Monochromacy



Original Color
41, 21.463, 299.156

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 7.944, 297.096

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 21.463, 299.156 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(98, 92, 127)` looks like.

```
.text, #text, p{  
    color:rgb(98, 92, 127)  
}
```

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(98, 92, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 92, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 21.463, 299.156 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(98, 92, 127) }
```

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

```
.border{ border-color:rgb(98, 92, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 92, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 92, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 92, 127);  
box-shadow:4px 4px 4px 4px rgb(98, 92,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 21.463, 299.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 92, 127) }
```

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

```
.background{ background-color: rgb(98, 92,  
127) }
```

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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