

Converting Colors

CIELCh(41, 17.833, 289.561)

Have a look what the booklet for
CIELCh(41, 17.833, 289.561)
contains.

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Color

CIELCh(41, 17.619, 289.201)

Conversions

Conversions Part 1

Format	Color
Hex	5C5F7C
RGB	92, 95, 124
RGB Percent	36%, 37%, 49%
CMY	0.6400, 0.6282, 0.5145
CMYK	0.26, 0.23, 0.00, 0.51
HSL	234°, 15%, 42%
HSV	234°, 26%, 49%
XYZ	12.0937, 11.8645, 20.6537
YIQ	97.4090, -11.0970, 8.3830

Conversions

Conversions Part 2

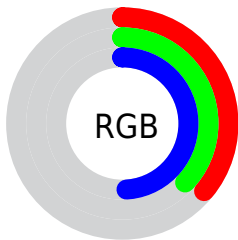
Format	Color
R_{YB}	92, 95, 124
Decimal	6053756
CIE _{Lab}	41.00, 5.79, -16.64
CIE _{LCh}	41, 17.619, 289.201
Yxy	11.8645, 0.2711, 0.2659
Android (android.graphics.Color)	4284243836 (0xFF5C5F7C)
YUV	97.4090, 13.1094, -4.7437
Hunter-Lab	34.4449, 2.3934, -11.4397

Details

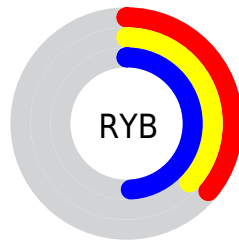
The CIELCh color $41, 17.619, 289.201$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $50, 16.821, 103.495$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 18.034, 289.925$, and $21, 17.591, 289.222$ is the 20% darker color. If you saturate the color by 10%, you get $37, 24.889, 290.766$, and if you desaturate by 10%, it is $45, 10.612, 287.857$.

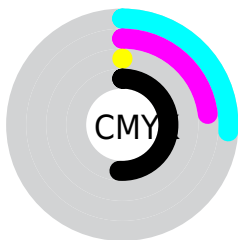
Distribution



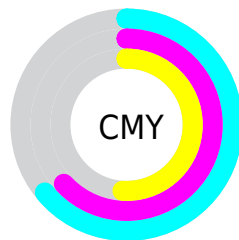
- Red (36%)
- Green (37%)
- Blue (49%)



- Red (36%)
- Yellow (37%)
- Blue (49%)



- Cyan (26%)
- Magenta (23%)
- Yellow (0%)
- Black (51%)




- Cyan (64%)
- Magenta (63%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 17.619, 289.201 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, 17.619, 289.201 by changing the saturation by 10% instead.


 41, 17.619,
289.201


 41, 17.619,
289.201


 100, 17.619,
289.201


 31, 17.619,
289.201

 61, 17.619,
289.201


 21, 17.619,
289.201

 71, 17.619,
289.201


 11, 17.619,
289.201


 81, 17.619,
289.201

 1, 17.619, 289.201

 91, 17.619,
289.201

 0, 17.619, 289.201

 41, 17.619,

 41, 17.619,

289.201

37, 24.889,
290.766

33, 32.443,
292.579

28, 40.282,
294.649

24, 48.360,
296.949

21, 56.511,
299.388

17, 64.334,
301.789

15, 71.111,
303.855

14, 73.460,
304.479

289.201

45, 10.612,
287.857

49, 3.851, 286.716

54, 2.684, 105.679

58, 9.007, 104.843

62, 15.133,
104.107

66, 21.074,
103.464

70, 26.840,
102.902

74, 32.441,
102.408

78, 37.885,

Harmonies

Complementary

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



41, 17.619, 289.201



50, 16.821, 103.495

Rectangle

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



41, 17.619, 289.201



41, 17.619, 339.201



41, 17.619, 109.201



41, 17.619, 159.201

Sweetspot

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



41, 17.618, 289.200



62, 6.549, 286.965



49, 12.253, 189.258



32, 4.700, 287.110



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



41, 17.618, 289.200



50, 26.440, 290.095



41, 20.108, 306.863



24, 3.696, 287.061



14, 73.997, 304.496



33, 128.339, 305.342

Inverse Universe

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



42, 14.001, 14.017



52, 21.145, 14.765



50, 19.285, 124.255



24, 2.869, 12.280



25, 57.452, 34.322



53, 99.751, 36.970

Previews

White Background



This preview shows how the CIELCh color 41, 17.619, 289.201 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, 17.619, 289.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

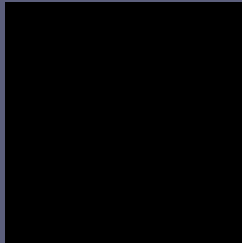
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 17.619, 289.201

Background



This preview shows how black text looks on a background with the CIELCh color 41, 17.619, 289.201.

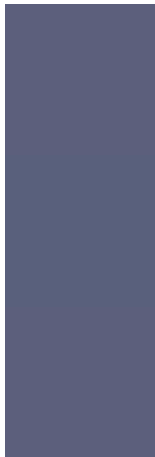


This preview shows how white text looks on a background with the CIELCh color 41, 17.619, 289.201.

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, 17.619, 289.201

Protanopia

41, 17.105, 284.134

Deuteranopia

41, 17.619, 289.201



Tritanopia
41, 6.165, 251.283

Trichromacy



Original Color
41, 17.619, 289.201

Protanomaly
41, 17.065, 285.320

Deuteranomaly
41, 17.619, 289.201

Tritanomaly
41, 9.528, 272.735

Monochromacy



Original Color
41, 17.619, 289.201

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 6.686, 287.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 17.619, 289.201 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(92, 95, 124)` looks like.

```
.text, #text, p{  
    color:rgb(92, 95, 124)  
}
```

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(92, 95, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 95, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 17.619, 289.201 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(92, 95, 124) }
```

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

```
.border{ border-color:rgb(92, 95, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 95, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 95, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 95, 124);  
box-shadow:4px 4px 4px 4px rgb(92, 95,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 17.619, 289.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 95, 124) }
```

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

```
.background{ background-color: rgb(92, 95,  
124) }
```

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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