

Converting Colors

CIELCh(41, 25.108, 293.829)

Have a look what the booklet for
CIELCh(41, 25.108, 293.829)
contains.

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Color

CIELCh(41, 24.915, 293.799)

Conversions

Conversions Part 1

Format	Color
Hex	5D5D86
RGB	93, 93, 134
RGB Percent	36%, 36%, 53%
CMY	0.6355, 0.6355, 0.4747
CMYK	0.31, 0.31, 0.00, 0.47
HSL	240°, 18%, 44%
HSV	240°, 31%, 53%
XYZ	12.7187, 11.8645, 24.1548
YIQ	97.6740, -13.1610, 12.7510

Conversions

Conversions Part 2

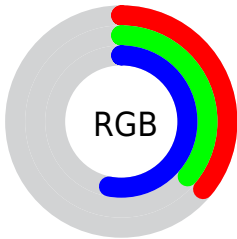
Format	Color
RYB	93, 93, 134
Decimal	6118790
CIELab	41.00, 10.05, -22.80
CIELCh	41, 24.915, 293.799
Yxy	11.8645, 0.2610, 0.2434
Android (android.graphics.Color)	4284308870 (0xFF5D5D86)
YUV	97.6740, 17.9087, -4.0991
Hunter-Lab	34.4449, 5.6320, -17.4662

Details

The CIELCh color $41, 24.915, 293.799$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $55, 23.193, 107.323$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 24.830, 293.672$, and $21, 24.995, 294.057$ is the 20% darker color. If you saturate the color by 10%, you get $36, 33.748, 295.405$, and if you desaturate by 10%, it is $46, 16.436, 292.419$.

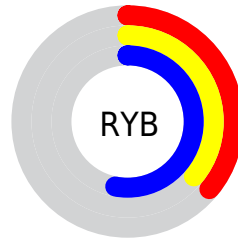
Distribution



Red (36%)

Green (36%)

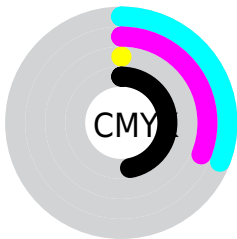
Blue (53%)



Red (36%)

Yellow (36%)

Blue (53%)

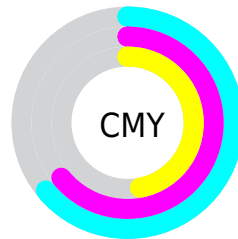


Cyan (31%)

Magenta (31%)

Yellow (0%)

Black (47%)



Cyan (64%)

Magenta (64%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 24.915, 293.799 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, 24.915, 293.799 by changing the saturation by 10% instead.

■ 41, 24.915,
293.799

■ 41, 24.915,
293.799

■ 100, 24.915,
293.799

■ 31, 24.915,
293.799

■ 61, 24.915,
293.799

■ 21, 24.915,
293.799

■ 71, 24.915,
293.799

■ 11, 24.915,
293.799

■ 81, 24.915,
293.799

■ 1, 24.915, 293.799

■ 91, 24.915,
293.799

■ 0, 24.915, 293.799

■ 41, 24.915,

■ 41, 24.915,

293.799

■ 36, 33.748,
295.405

■ 31, 42.927,
297.244

■ 27, 52.368,
299.284

■ 22, 61.802,
301.426

■ 19, 70.613,
303.465

■ 16, 77.715,
305.101

■ 14, 82.949,
306.287

293.799

■ 46, 16.436,
292.419

■ 51, 8.296, 291.243

■ 56, 0.472, 290.334

■ 60, 7.062, 109.369

■ 65, 14.325,
108.639

■ 70, 21.338,
108.011

■ 75, 28.115,
107.469

■ 79, 34.674,
106.999

■ 84, 41.027,

Harmonies

Complementary

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



41, 24.915, 293.799



55, 23.193, 107.323

Rectangle

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



41, 24.915, 293.799



41, 24.915, 343.799



41, 24.915, 113.799



41, 24.915, 163.799

Sweetspot

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



41, 24.914, 293.799



65, 8.670, 291.092



53, 14.842, 196.398



33, 6.013, 291.227



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



41, 24.914, 293.799



49, 37.750, 294.933



43, 25.883, 309.950



25, 4.363, 291.084



13, 81.196, 306.287



0, 1.028, 290.176

Inverse Universe

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



44, 18.089, 21.851



53, 27.689, 22.773



53, 24.797, 127.098



26, 3.050, 19.877



26, 62.118, 38.507



0, 0.707, 19.402

Previews

White Background



This preview shows how the CIELCh color 41, 24.915, 293.799 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, 24.915, 293.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

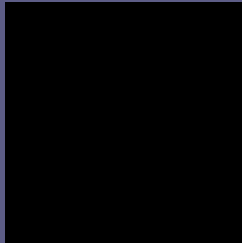
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 24.915, 293.799

Background



This preview shows how black text looks on a background with the CIELCh color 41, 24.915, 293.799.



This preview shows how white text looks on a background with the CIELCh color 41, 24.915, 293.799.

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

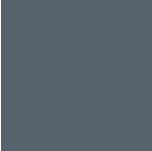
41, 24.915, 293.799

Protanopia

41, 25.023, 285.289

Deuteranopia

41, 23.207, 285.055



Tritanopia
41, 6.406, 248.578

Trichromacy



Original Color
41, 24.915, 293.799

Protanomaly
41, 24.943, 288.315

Deuteranomaly
41, 23.723, 288.626

Tritanomaly
41, 12.361, 279.672

Monochromacy



Original Color
41, 24.915, 293.799

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 9.106, 291.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 24.915, 293.799 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(93, 93, 134)` looks like.

```
.text, #text, p{  
    color:rgb(93, 93, 134)  
}
```

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(93, 93, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 93, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 24.915, 293.799 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(93, 93, 134) }
```

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

```
.border{ border-color:rgb(93, 93, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 93, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 93, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 93, 134);  
box-shadow:4px 4px 4px 4px rgb(93, 93,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 24.915, 293.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 93, 134) }
```

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

```
.background{ background-color: rgb(93, 93,  
134) }
```

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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