

Converting Colors

CIELCh(41, 9.500, 290.486)

Have a look what the booklet for
CIELCh(41, 9.500, 290.486) contains.

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Color

CIELCh(41, 9.108, 289.077)

Conversions

Conversions Part 1

Format	Color
Hex	5F606F
RGB	95, 96, 111
RGB Percent	37%, 38%, 44%
CMY	0.6287, 0.6248, 0.5660
CMYK	0.14, 0.14, 0.00, 0.57
HSL	236°, 8%, 40%
HSV	236°, 14%, 43%
XYZ	11.6918, 11.8645, 16.6190
YIQ	97.4110, -5.4110, 4.4530

Conversions

Conversions Part 2

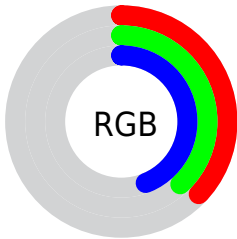
Format	Color
R_{YB}	95, 96, 111
Decimal	6250607
CIE _{Lab}	41.00, 2.98, -8.61
CIE _{LCh}	41, 9.108, 289.077
Yxy	11.8645, 0.2910, 0.2953
Android (android.graphics.Color)	4284440687 (0xFF5F606F)
YUV	97.4110, 6.6994, -2.1144
Hunter-Lab	34.4449, 0.3103, -4.4947

Details

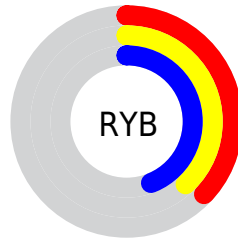
The CIELCh color **41, 9.108, 289.077** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **46, 8.863, 106.154**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 9.579, 291.244**, and **21, 8.790, 289.432** is the 20% darker color. If you saturate the color by 10%, you get **37, 15.691, 290.341**, and if you desaturate by 10%, it is **45, 2.759, 287.999**.

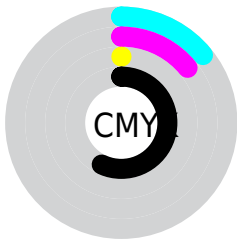
Distribution



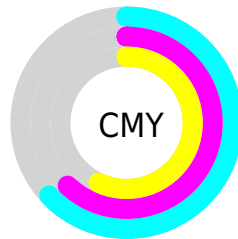
- Red (37%)
- Green (38%)
- Blue (44%)



- Red (37%)
- Yellow (38%)
- Blue (44%)



- Cyan (14%)
- Magenta (14%)
- Yellow (0%)
- Black (57%)



- Cyan (63%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 9.108, 289.077 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, 9.108, 289.077 by changing the saturation by 10% instead.

■ 41, 9.108, 289.077

■ 41, 9.108, 289.077

■ 100, 9.108,
289.077

■ 31, 9.108, 289.077

■ 61, 9.108, 289.077

■ 21, 9.108, 289.077

■ 71, 9.108, 289.077

■ 11, 9.108, 289.077

■ 81, 9.108, 289.077

■ 1, 9.108, 289.077

■ 91, 9.108, 289.077

■ 0, 9.108, 289.077

■ 41, 9.108, 289.077

■ 41, 9.108, 289.077

■ 37, 15.691,
290.341

■ 45, 2.759, 287.999

■ 33, 22.529,

■ 49, 3.370, 107.025

291.818

53, 9.296, 106.229

29, 29.637,
293.528

57, 15.032,
105.534

25, 37.015,
295.480

60, 20.590,
104.928

21, 44.614,
297.648

64, 25.980,
104.399

18, 52.273,
299.947

68, 31.213,
103.934

15, 59.606,
302.206

72, 36.296,
103.524

12, 65.917,
304.139

75, 41.239,
103.161

11, 68.864,
304.918

Harmonies

Complementary

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



41, 9.108, 289.077



46, 8.863, 106.154

Rectangle

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



41, 9.108, 289.077



41, 9.108, 339.077



41, 9.108, 109.077



41, 9.108, 159.077

Sweetspot

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



41, 9.107, 289.074



57, 3.056, 287.966



45, 6.365, 192.967



29, 2.158, 288.024



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 9.107, 289.074



51, 13.276, 289.432



41, 10.135, 307.376



21, 3.551, 288.465



13, 73.192, 305.036



32, 128.166, 305.735

Inverse Universe

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



42, 6.869, 15.260



52, 10.060, 15.540



46, 9.920, 126.062



22, 2.655, 14.777



24, 56.331, 35.280



52, 99.723, 38.176

Previews

White Background



This preview shows how the CIELCh color 41, 9.108, 289.077 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, 9.108, 289.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

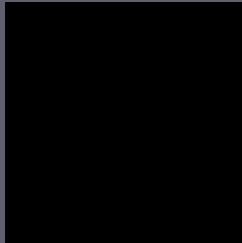
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

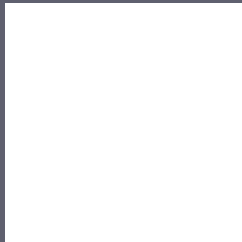
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 9.108, 289.077

Background



This preview shows how black text looks on a background with the CIELCh color 41, 9.108, 289.077.

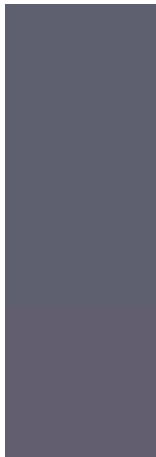


This preview shows how white text looks on a background with the CIELCh color 41, 9.108, 289.077.

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, 9.108, 289.077

Protanopia

41, 9.126, 286.635

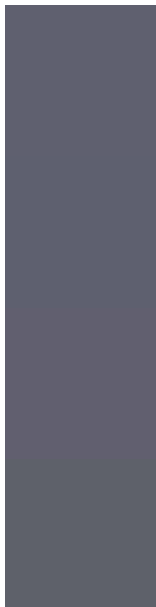
Deuteranopia

41, 10.562, 302.478



Tritanopia
41, 4.394, 274.882

Trichromacy



Original Color

41, 9.108, 289.077

Protanomaly

41, 9.126, 286.635

Deuteranomaly

41, 9.772, 296.242

Tritanomaly

41, 5.566, 278.586

Monochromacy



Original Color

41, 9.108, 289.077

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 3.055, 282.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 9.108, 289.077 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(95, 96, 111)` looks like.

```
.text, #text, p{  
    color:rgb(95, 96, 111)  
}
```

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(95, 96, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 96, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 9.108, 289.077 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(95, 96, 111) }
```

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

```
.border{ border-color:rgb(95, 96, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 96, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 96, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 96, 111);  
box-shadow:4px 4px 4px 4px rgb(95, 96,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 9.108, 289.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 96, 111) }
```

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

```
.background{ background-color: rgb(95, 96,  
111) }
```

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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