

Converting Colors

CIELCh(41, 13.877, 283.125)

Have a look what the booklet for
CIELCh(41, 13.877, 283.125)
contains.

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Color

CIELCh(41, 14.081, 283.112)

Conversions

Conversions Part 1

Format	Color
Hex	5A6077
RGB	90, 96, 119
RGB Percent	35%, 38%, 47%
CMY	0.6472, 0.6236, 0.5334
CMYK	0.24, 0.19, 0.00, 0.53
HSL	228°, 14%, 41%
HSV	228°, 24%, 47%
XYZ	11.7225, 11.8645, 19.1163
YIQ	96.8280, -10.9590, 5.8810

Conversions

Conversions Part 2

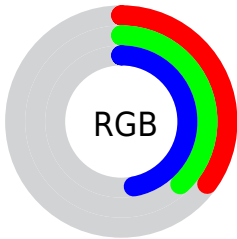
Format	Color
R_{YB}	90, 95, 119
Decimal	5922935
CIE _{Lab}	41.00, 3.19, -13.71
CIE _{LCh}	41, 14.081, 283.112
Yxy	11.8645, 0.2745, 0.2778
Android (android.graphics.Color)	4284113015 (0xFF5A6077)
YUV	96.8280, 10.9308, -5.9882
Hunter-Lab	34.4449, 0.4694, -8.7935

Details

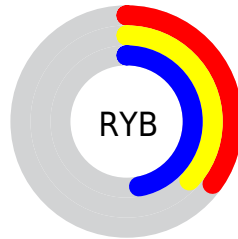
The CIELCh color **41, 14.081, 283.112** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 13.738, 97.273**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 14.158, 284.486**, and **21, 14.349, 282.603** is the 20% darker color. If you saturate the color by 10%, you get **37, 20.144, 284.753**, and if you desaturate by 10%, it is **45, 8.191, 281.699**.

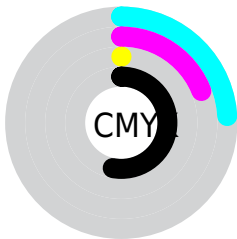
Distribution



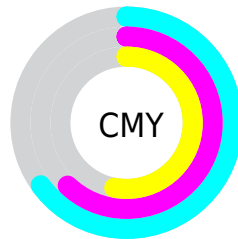
- Red (35%)
- Green (38%)
- Blue (47%)



- Red (35%)
- Yellow (37%)
- Blue (47%)



- Cyan (24%)
- Magenta (19%)
- Yellow (0%)
- Black (53%)





- Cyan (65%)
- Magenta (62%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 14.081, 283.112 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, 14.081, 283.112 by changing the saturation by 10% instead.


 41, 14.081,
283.112


 41, 14.081,
283.112


 100, 14.081,
283.112


 31, 14.081,
283.112

 61, 14.081,
283.112


 21, 14.081,
283.112

 71, 14.081,
283.112


 11, 14.081,
283.112


 81, 14.081,
283.112

 1, 14.081, 283.112

 91, 14.081,
283.112

 0, 14.081, 283.112

 41, 14.081,

 41, 14.081,

283.112

■ 37, 20.144,
284.753

■ 34, 26.398,
286.658

■ 30, 32.861,
288.849

■ 26, 39.542,
291.330

■ 23, 46.419,
294.063

■ 20, 53.389,
296.946

■ 17, 60.196,
299.779

■ 16, 63.840,
301.133

283.112

■ 45, 8.191, 281.699

■ 48, 2.463, 280.508

■ 52, 3.113, 99.370

■ 56, 8.547, 98.473

■ 59, 13.845, 97.674

■ 63, 19.012, 96.970

■ 67, 24.054, 96.346

■ 70, 28.976, 95.792

■ 74, 33.782, 95.296

Harmonies

Complementary

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



41, 14.081, 283.112



48, 13.738, 97.273

Rectangle

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



41, 14.081, 283.112



41, 14.081, 333.112



41, 14.081, 103.112



41, 14.081, 153.112

Sweetspot

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



41, 14.080, 283.110



61, 4.924, 280.815



48, 11.879, 179.849



32, 3.226, 280.863



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



41, 14.080, 283.110



51, 21.023, 283.961



40, 18.051, 302.736



23, 3.149, 281.030



16, 65.334, 301.219



37, 116.235, 302.693

Inverse Universe

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



41, 12.963, 5.147



51, 19.427, 5.837



49, 17.234, 119.793



23, 2.853, 3.452



24, 52.812, 26.755



52, 91.997, 30.041

Previews

White Background



This preview shows how the CIELCh color 41, 14.081, 283.112 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, 14.081, 283.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

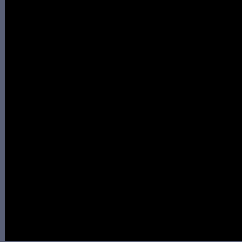
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

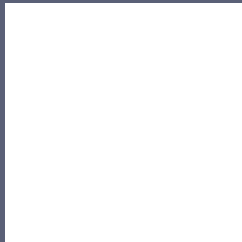
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 14.081, 283.112

Background



This preview shows how black text looks on a background with the CIELCh color 41, 14.081, 283.112.

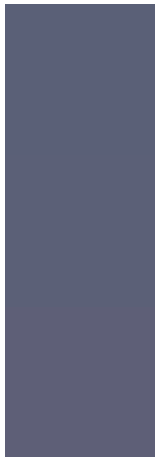


This preview shows how white text looks on a background with the CIELCh color 41, 14.081, 283.112.

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

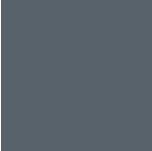
41, 14.081, 283.112

Protanopia

41, 14.037, 284.597

Deuteranopia

41, 14.579, 290.859



Tritanopia
41, 6.406, 248.578

Trichromacy



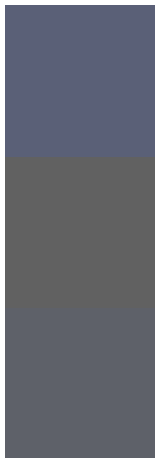
Original Color
41, 14.081, 283.112

Protanomaly
41, 14.037, 284.597

Deuteranomaly
41, 14.586, 289.392

Tritanomaly
41, 9.087, 269.065

Monochromacy



Original Color
41, 14.081, 283.112

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 4.978, 276.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 14.081, 283.112 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(90, 96, 119)` looks like.

```
.text, #text, p{  
    color:rgb(90, 96, 119)  
}
```

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(90, 96, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 96, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 14.081, 283.112 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(90, 96, 119) }
```

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

```
.border{ border-color:rgb(90, 96, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 96, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 96, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 96, 119);  
box-shadow:4px 4px 4px 4px rgb(90, 96,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 14.081, 283.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 96, 119) }
```

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

```
.background{ background-color: rgb(90, 96,  
119) }
```

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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