

Converting Colors

CIELCh(41, 9.504, 267.672)

Have a look what the booklet for
CIELCh(41, 9.504, 267.672) contains.

CIELCh(41, 9.359, 264.761)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(41, 9.359, 264.761)

Conversions

Conversions Part 1

Format	Color
Hex	576270
RGB	87, 98, 112
RGB Percent	34%, 38%, 44%
CMY	0.6598, 0.6167, 0.5618
CMYK	0.22, 0.13, 0.00, 0.56
HSL	214°, 13%, 39%
HSV	214°, 22%, 44%
XYZ	11.1596, 11.8645, 16.9534
YIQ	96.3070, -11.0500, 2.0220

Conversions

Conversions Part 2

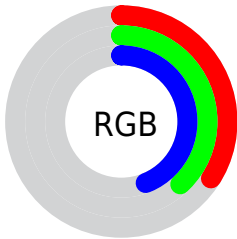
Format	Color
R_{YB}	87, 95, 112
Decimal	5726832
CIE Lab	41.00, -0.85, -9.32
CIE LCh	41, 9.359, 264.761
Yxy	11.8645, 0.2791, 0.2968
Android (android.graphics.Color)	4283916912 (0xFF576270)
YUV	96.3070, 7.7366, -8.1622
Hunter-Lab	34.4449, -2.4474, -5.0703

Details

The CIELCh color **41, 9.359, 264.761** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 9.699, 78.880**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 9.393, 263.496**, and **21, 9.077, 262.785** is the 20% darker color. If you saturate the color by 10%, you get **38, 13.534, 266.535**, and if you desaturate by 10%, it is **44, 5.176, 263.246**.

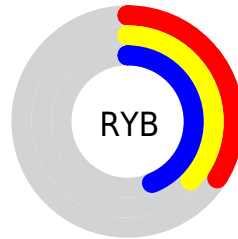
Distribution



Red (34%)

Green (38%)

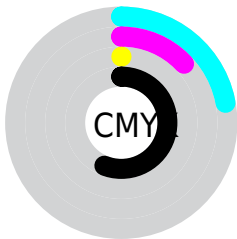
Blue (44%)



Red (34%)

Yellow (37%)

Blue (44%)

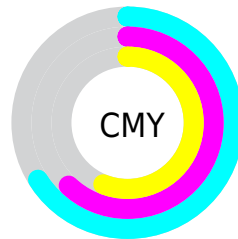


Cyan (22%)

Magenta (13%)

Yellow (0%)

Black (56%)



Cyan (66%)

Magenta (62%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 9.359, 264.761 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, 9.359, 264.761 by changing the saturation by 10% instead.

■ 41, 9.359, 264.761

■ 41, 9.359, 264.761

■ 100, 9.359,
264.761

■ 31, 9.359, 264.761

■ 61, 9.359, 264.761

■ 21, 9.359, 264.761

■ 71, 9.359, 264.761

■ 11, 9.359, 264.761

■ 81, 9.359, 264.761

■ 1, 9.359, 264.761

■ 91, 9.359, 264.761

■ 0, 9.359, 264.761

■ 41, 9.359, 264.761

■ 41, 9.359, 264.761

■ 38, 13.534,
266.535

■ 44, 5.176, 263.246

■ 36, 17.698,

■ 46, 0.994, 262.105

268.621

49, 3.179, 80.696

33, 21.850,
271.056

52, 7.334, 79.750

30, 26.001,
273.878

55, 11.465, 78.902

28, 30.174,
277.102

57, 15.564, 78.151

25, 34.402,
280.702

60, 19.626, 77.486

23, 38.723,
284.582

63, 23.649, 76.892

21, 42.136,
287.335

66, 27.628, 76.359

Harmonies

Complementary

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



41, 9.359, 264.761



43, 9.699, 78.880

Rectangle

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



41, 9.359, 264.761



41, 9.359, 314.761



41, 9.359, 84.761



41, 9.359, 134.761

Sweetspot

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



41, 9.358, 264.756



58, 3.636, 262.571



45, 12.158, 164.516



30, 2.381, 262.618



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



41, 9.358, 264.756



51, 14.012, 265.672



38, 15.429, 294.348



22, 2.362, 262.798



23, 44.649, 287.688



49, 80.850, 290.206

Inverse Universe

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



40, 12.498, 348.986



49, 18.806, 349.550



46, 14.690, 110.264



22, 3.103, 347.701



24, 48.310, 5.770



53, 82.564, 8.759

Previews

White Background



This preview shows how the CIELCh color 41, 9.359, 264.761 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, 9.359, 264.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

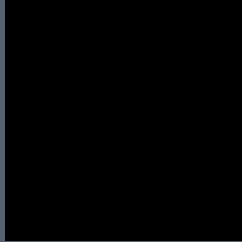
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

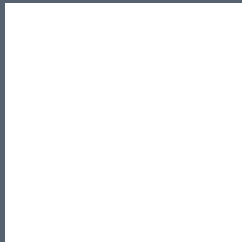
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 9.359, 264.761

Background



This preview shows how black text looks on a background with the CIELCh color 41, 9.359, 264.761.

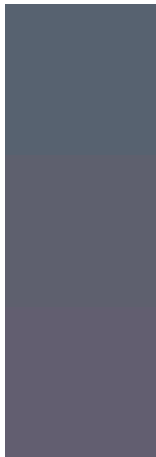


This preview shows how white text looks on a background with the CIELCh color 41, 9.359, 264.761.

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

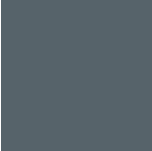
41, 9.359, 264.761

Protanopia

41, 8.522, 286.175

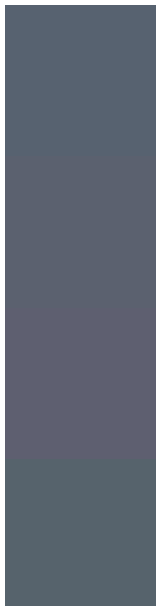
Deuteranopia

41, 11.093, 299.933



Tritanopia
41, 6.531, 239.664

Trichromacy



Original Color

41, 9.359, 264.761

Protanomaly

41, 8.750, 276.035

Deuteranomaly

41, 10.338, 289.576

Tritanomaly

41, 7.318, 247.437

Monochromacy



Original Color

41, 9.359, 264.761

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 3.413, 262.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 9.359, 264.761 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(87, 98, 112)` looks like.

```
.text, #text, p{  
    color:rgb(87, 98, 112)  
}
```

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(87, 98, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 98, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 9.359, 264.761 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(87, 98, 112) }
```

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

```
.border{ border-color:rgb(87, 98, 112) }
```

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

Here you see how a box with a 4 pixel rgb(87, 98, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 98, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 98, 112);  
box-shadow:4px 4px 4px 4px rgb(87, 98,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 9.359, 264.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 98, 112) }
```

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

```
.background{ background-color: rgb(87, 98,  
112) }
```

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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