

Converting Colors

CIELCh(41, 21.911, 166.823)

Have a look what the booklet for
CIELCh(41, 21.911, 166.823)
contains.

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Color

CIELCh(41, 21.892, 166.871)

Conversions

Conversions Part 1

Format	Color
Hex	396A58
RGB	57, 106, 88
RGB Percent	22%, 42%, 35%
CMY	0.7767, 0.5846, 0.6552
CMYK	0.46, 0.00, 0.17, 0.58
HSL	158°, 30%, 32%
HSV	158°, 46%, 42%
XYZ	8.5886, 11.8645, 11.0550
YIQ	89.2970, -23.4260, -15.9860

Conversions

Conversions Part 2

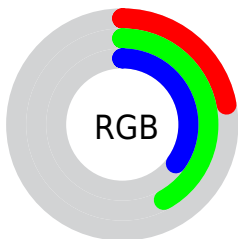
Format	Color
RYB	57, 87, 106
Decimal	3762776
CIELab	41.00, -21.32, 4.97
CIELCh	41, 21.892, 166.871
Yxy	11.8645, 0.2726, 0.3766
Android (android.graphics.Color)	4281952856 (0xFF396A58)
YUV	89.2970, -0.6394, -28.3245
Hunter-Lab	34.4449, -15.7709, 5.0824

Details

The CIELCh color $41, 21.892, 166.871$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $31, 24.160, 356.668$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 22.085, 166.783$, and $21, 21.653, 167.690$ is the 20% darker color. If you saturate the color by 10%, you get $40, 26.010, 165.577$, and if you desaturate by 10%, it is $42, 17.470, 168.038$.

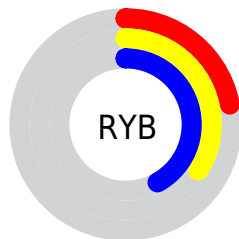
Distribution



Red (22%)

Green (42%)

Blue (35%)



Red (22%)

Yellow (34%)

Blue (42%)

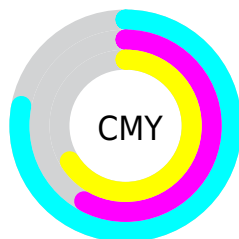


Cyan (46%)

Magenta (0%)

Yellow (17%)

Black (58%)



Cyan (78%)


Magenta (58%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 21.892, 166.871 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, 21.892, 166.871 by changing the saturation by 10% instead.


 41, 21.892,
166.871


 41, 21.892,
166.871


 100, 21.892,
166.871


 31, 21.892,
166.871

 61, 21.892,
166.871


 21, 21.892,
166.871

 71, 21.892,
166.871

 11, 21.892,
166.871


 81, 21.892,
166.871

 1, 21.892, 166.871

 91, 21.892,
166.871

 0, 21.892, 166.871

 41, 21.892,

 41, 21.892,

166.871

166.871

■ 40, 26.010,
165.577

■ 42, 17.470,
168.038

■ 40, 29.754,
164.138

■ 42, 12.815,
169.101

■ 40, 33.069,
162.532

■ 43, 8.000, 170.083

■ 39, 35.929,
160.744

■ 44, 3.091, 171.033

■ 39, 38.414,
158.842

■ 45, 1.857, 351.617

■ 39, 39.339,
158.181

■ 46, 6.798, 352.506

■ 47, 11.696,
353.255

■ 49, 16.524,
353.954

■ 50, 21.263,
354.615

Harmonies

Complementary

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



41, 21.892, 166.871



31, 24.160, 356.668

Rectangle

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



41, 21.892, 166.871



41, 21.892, 216.871



41, 21.892, 346.871



41, 21.892, 36.871

Sweetspot

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



41, 21.893, 166.870



56, 8.554, 170.260



41, 31.782, 130.983



28, 5.856, 170.108



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 21.893, 166.870



52, 32.001, 165.399



40, 15.506, 210.777



22, 2.800, 170.769



43, 42.501, 157.899



86, 74.990, 156.476

Inverse Universe

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



31, 24.160, 356.668



37, 36.028, 358.656



32, 21.547, 32.384



21, 2.855, 352.184



24, 47.857, 12.447



52, 83.124, 15.888

Previews

White Background



This preview shows how the CIELCh color 41, 21.892, 166.871 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, 21.892, 166.871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

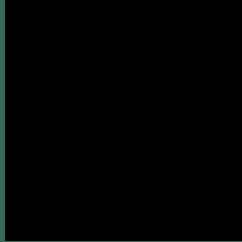
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 21.892, 166.871

Background



This preview shows how black text looks on a background with the CIELCh color 41, 21.892, 166.871.



This preview shows how white text looks on a background with the CIELCh color 41, 21.892, 166.871.

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, 21.892, 166.871

Protanopia

41, 8.157, 93.273

Deuteranopia

41, 6.618, 30.685



Tritanopia
41, 14.761, 217.224

Trichromacy



Original Color
41, 21.892, 166.871

Protanomaly
41, 11.138, 143.598

Deuteranomaly
41, 6.190, 147.116

Tritanomaly
41, 15.707, 195.304

Monochromacy



Original Color
41, 21.892, 166.871

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 8.316, 172.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 21.892, 166.871 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(57, 106, 88)` looks like.

```
.text, #text, p{  
    color:rgb(57, 106, 88)  
}
```

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(57, 106, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 106, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 21.892, 166.871 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(57, 106, 88) }
```

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

```
.border{ border-color:rgb(57, 106, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 106, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 106, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 106, 88);  
box-shadow:4px 4px 4px 4px rgb(57, 106,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 21.892, 166.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 106, 88) }
```

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

```
.background{ background-color: rgb(57, 106,  
88) }
```

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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