

Converting Colors

CIELCh(41, 20.113, 162.015)

Have a look what the booklet for
CIELCh(41, 20.113, 162.015)
contains.

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Color

CIELCh(41, 20.085, 162.047)

Conversions

Conversions Part 1

Format	Color
Hex	406956
RGB	64, 105, 86
RGB Percent	25%, 41%, 34%
CMY	0.7490, 0.5882, 0.6627
CMYK	0.39, 0.00, 0.18, 0.59
HSL	152°, 24%, 33%
HSV	152°, 39%, 41%
XYZ	8.8452, 11.8645, 10.6276
YIQ	90.5750, -18.3370, -14.6010

Conversions

Conversions Part 2

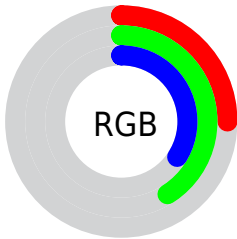
Format	Color
RYB	64, 91, 105
Decimal	4221270
CIELab	41.00, -19.11, 6.19
CIELCh	41, 20.085, 162.047
Yxy	11.8645, 0.2823, 0.3786
Android (android.graphics.Color)	4282411350 (0xFF406956)
YUV	90.5750, -2.2555, -23.3063
Hunter-Lab	34.4449, -14.4411, 5.8182

Details

The CIELCh color **41, 20.085, 162.047** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 21.189, 349.408**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 19.558, 162.528**, and **21, 19.776, 162.821** is the 20% darker color. If you saturate the color by 10%, you get **40, 24.856, 160.848**, and if you desaturate by 10%, it is **42, 15.093, 163.120**.

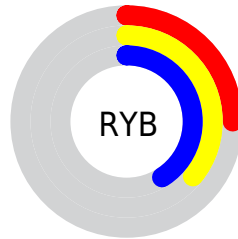
Distribution



Red (25%)

Green (41%)

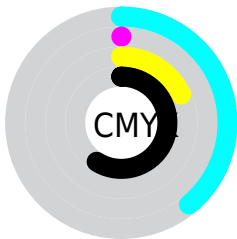
Blue (34%)



Red (25%)

Yellow (36%)

Blue (41%)

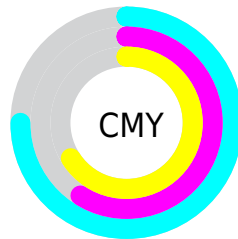


Cyan (39%)

Magenta (0%)

Yellow (18%)

Black (59%)



Cyan (75%)


Magenta (59%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 20.085, 162.047 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, 20.085, 162.047 by changing the saturation by 10% instead.


 41, 20.085,
162.047


 41, 20.085,
162.047


 100, 20.085,
162.047


 31, 20.085,
162.047

 61, 20.085,
162.047


 21, 20.085,
162.047

 71, 20.085,
162.047

 11, 20.085,
162.047


 81, 20.085,
162.047

 1, 20.085, 162.047

 91, 20.085,
162.047

 0, 20.085, 162.047

 41, 20.085,

 41, 20.085,

162.047

162.047

■ 40, 24.856,
160.848

■ 42, 15.093,
163.120

■ 40, 29.324,
159.506

■ 43, 9.953, 164.093

■ 39, 33.417,
157.999

■ 43, 4.735, 164.997

■ 45, 0.501, 345.219

■ 39, 37.080,
156.310

■ 46, 5.709, 346.432

■ 39, 40.282,
154.431

■ 47, 10.852,
347.136

■ 39, 43.199,
152.544

■ 48, 15.902,
347.780

■ 39, 43.477,
152.379

■ 49, 20.841,
348.381

■ 51, 25.658,
348.946

Harmonies

Complementary

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



41, 20.085, 162.047



32, 21.189, 349.408

Rectangle

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



41, 20.085, 162.047



41, 20.085, 212.047



41, 20.085, 342.047



41, 20.085, 32.047

Sweetspot

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



41, 20.086, 162.046



56, 7.844, 164.703



42, 26.151, 128.523



28, 5.164, 164.628



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, 20.086, 162.046



52, 29.790, 160.936



41, 14.480, 201.017



22, 2.989, 165.003



43, 47.324, 152.064



85, 83.795, 150.618

Inverse Universe

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



32, 21.189, 349.408



40, 31.744, 350.624



32, 18.830, 25.179



21, 3.029, 346.341



24, 47.650, 3.494



52, 81.853, 6.424

Previews

White Background



This preview shows how the CIE LCh color 41, 20.085, 162.047 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, 20.085, 162.047 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, 20.085, 162.047

Background



This preview shows how black text looks on a background with the CIELCh color 41, 20.085, 162.047.



This preview shows how white text looks on a background with the CIELCh color 41, 20.085, 162.047.

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, 20.085, 162.047

Protanopia
41, 9.328, 95.005

Deuteranopia
41, 6.994, 40.315



Tritanopia
41, 12.474, 221.215

Trichromacy



Original Color
41, 20.085, 162.047

Protanomaly
41, 10.799, 134.681

Deuteranomaly
40, 5.872, 130.631

Tritanomaly
41, 13.322, 192.535

Monochromacy



Original Color
41, 20.085, 162.047

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 7.608, 164.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 20.085, 162.047 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(64, 105, 86)` looks like.

```
.text, #text, p{  
    color:rgb(64, 105, 86)  
}
```

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(64, 105, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 105, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 20.085, 162.047 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(64, 105, 86) }
```

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

```
.border{ border-color:rgb(64, 105, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 105, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 105, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 105, 86);  
box-shadow:4px 4px 4px 4px rgb(64, 105,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 20.085, 162.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 105, 86) }
```

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

```
.background{ background-color: rgb(64, 105,  
86) }
```

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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