

Converting Colors

CIELCh(41, 21.596, 100.942)

Have a look what the booklet for
CIELCh(41, 21.596, 100.942)
contains.

CIELCh(41, 21.539, 101.888)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 21.539, 101.888)

Conversions

Conversions Part 1

Format	Color
Hex	66623E
RGB	102, 98, 62
RGB Percent	40%, 38%, 24%
CMY	0.6007, 0.6163, 0.7575
CMYK	0.00, 0.04, 0.39, 0.60
HSL	54°, 24%, 32%
HSV	54°, 39%, 40%
XYZ	10.6769, 11.8645, 6.2618
YIQ	95.0920, 13.9400, -10.3480

Conversions

Conversions Part 2

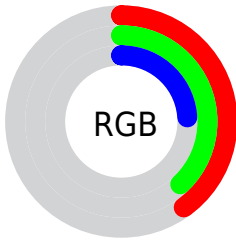
Format	Color
R_{YB}	66, 102, 62
Decimal	6709822
CIE _{Lab}	41.00, -4.44, 21.08
CIE _{LCh}	41, 21.539, 101.888
Y _{xy}	11.8645, 0.3707, 0.4119
Android (android.graphics.Color)	4284899902 (0xFF66623E)
YUV	95.0920, -16.3144, 6.0583
Hunter-Lab	34.4449, -4.9490, 13.3329

Details

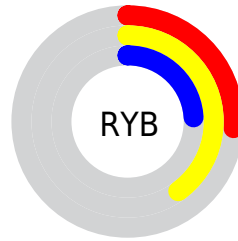
The CIELCh color $[41, 21.539, 101.888]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[29, 23.173, 290.943]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[61, 21.797, 102.133]$, and $[21, 21.896, 102.196]$ is the 20% darker color. If you saturate the color by 10%, you get $[41, 26.822, 100.887]$, and if you desaturate by 10%, it is $[41, 16.119, 102.903]$.

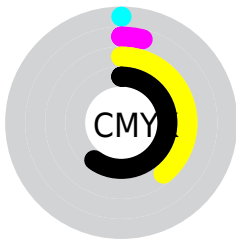
Distribution



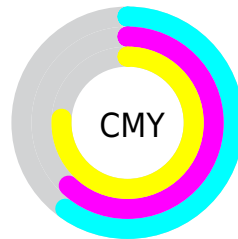
- Red (40%)
- Green (38%)
- Blue (24%)



- Red (26%)
- Yellow (40%)
- Blue (24%)



- Cyan (0%)
- Magenta (4%)
- Yellow (39%)
- Black (60%)



- Cyan (60%)
- Magenta (62%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 21.539, 101.888 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, 21.539, 101.888 by changing the saturation by 10% instead.


 41, 21.539,
101.888

 41, 21.539,
101.888


 100, 21.539,
101.888

 31, 21.539,
101.888

 61, 21.539,
101.888


 21, 21.539,
101.888

 71, 21.539,
101.888

 11, 21.539,
101.888

 81, 21.539,
101.888

 1, 21.539, 101.888

 91, 21.539,
101.888

 0, 21.539, 101.888

 41, 21.539,

 41, 21.539,

101.888

101.888

■ 41, 26.822,
100.887

■ 41, 16.119,
102.903

■ 40, 31.855, 99.905

■ 42, 10.628,
103.910

■ 40, 36.476, 98.961

■ 43, 5.109, 104.898

■ 39, 40.447, 98.070

■ 43, 0.410, 286.042

■ 39, 43.479, 97.243

■ 44, 5.912, 286.838

■ 39, 46.000, 96.467

■ 44, 11.388,
287.743

■ 39, 46.201, 96.411

■ 45, 16.830,
288.615

■ 46, 22.235,
289.450

■ 47, 27.599,

Harmonies

Complementary

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



41, 21.539, 101.888



29, 23.173, 290.943

Rectangle

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



41, 21.539, 101.888



41, 21.539, 151.888



41, 21.539, 281.888



41, 21.539, 331.888

Sweetspot

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



41, 21.540, 101.892



55, 8.222, 104.597



31, 18.759, 15.267



28, 5.410, 104.518



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



41, 21.540, 101.892



52, 31.814, 100.978



41, 24.801, 123.637



21, 3.099, 104.931



43, 50.237, 96.314



87, 86.794, 95.878

Inverse Universe

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



29, 23.173, 290.943



34, 35.041, 292.609



29, 26.467, 307.651



19, 3.149, 286.741



12, 68.896, 304.196



32, 123.843, 305.217

Previews

White Background



This preview shows how the CIELCh color 41, 21.539, 101.888 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, 21.539, 101.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

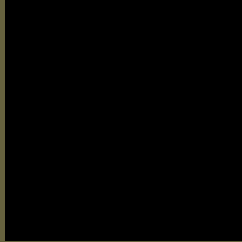
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 21.539, 101.888

Background



This preview shows how black text looks on a background with the CIELCh color 41, 21.539, 101.888.



This preview shows how white text looks on a background with the CIELCh color 41, 21.539, 101.888.

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, 21.539, 101.888

Protanopia

41, 21.837, 96.902

Deuteranopia

41, 21.137, 74.663



Tritanopia
41, 6.918, 342.538

Trichromacy



Original Color
41, 21.539, 101.888

Protanomaly
41, 21.754, 98.131

Deuteranomaly
41, 20.429, 84.026

Tritanomaly
41, 6.730, 73.396

Monochromacy



Original Color
41, 21.539, 101.888

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 7.872, 105.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 21.539, 101.888 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(102, 98, 62)` looks like.

```
.text, #text, p{  
    color:rgb(102, 98, 62)  
}
```

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(102, 98, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 98, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 21.539, 101.888 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(102, 98, 62) }
```

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

```
.border{ border-color:rgb(102, 98, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 98, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 98, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 98, 62);  
box-shadow:4px 4px 4px 4px rgb(102, 98,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 21.539, 101.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 98, 62) }
```

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

```
.background{ background-color: rgb(102, 98,  
62) }
```

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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