

Converting Colors

CIELCh(41, 25.056, 100.098)

Have a look what the booklet for
CIELCh(41, 25.056, 100.098)
contains.

CIELCh(41, 25.010, 100.893)	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, 25.010, 100.893)

Conversions

Conversions Part 1

Format	Color
Hex	676238
RGB	103, 98, 56
RGB Percent	40%, 38%, 22%
CMY	0.5967, 0.6163, 0.7810
CMYK	0.00, 0.05, 0.46, 0.60
HSL	54°, 30%, 31%
HSV	54°, 46%, 40%
XYZ	10.6385, 11.8645, 5.4521
YIQ	94.7070, 16.4620, -12.0020

Conversions

Conversions Part 2

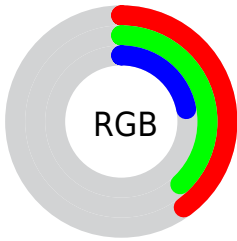
Format	Color
RYB	62, 103, 56
Decimal	6775352
CIELab	41.00, -4.73, 24.56
CIELCh	41, 25.010, 100.893
Yxy	11.8645, 0.3806, 0.4244
Android (android.graphics.Color)	4284965432 (0xFF676238)
YUV	94.7070, -19.0826, 7.2730
Hunter-Lab	34.4449, -5.1478, 14.7268

Details

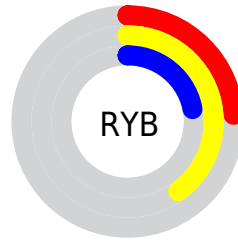
The CIELCh color $[41, 25.010, 100.893]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[27, 27.302, 291.824]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[61, 25.106, 101.452]$, and $[21, 25.048, 100.571]$ is the 20% darker color. If you saturate the color by 10%, you get $[41, 30.169, 99.892]$, and if you desaturate by 10%, it is $[42, 19.651, 101.915]$.

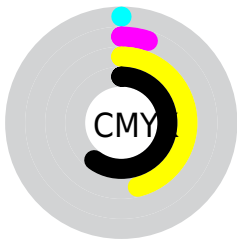
Distribution



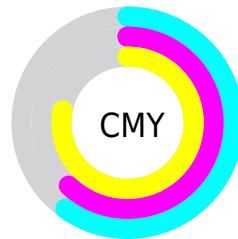
- Red (40%)
- Green (38%)
- Blue (22%)



- Red (24%)
- Yellow (40%)
- Blue (22%)



- Cyan (0%)
- Magenta (5%)
- Yellow (46%)
- Black (60%)





- Cyan (60%)
- Magenta (62%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 25.010, 100.893 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, 25.010, 100.893 by changing the saturation by 10% instead.


 41, 25.010,
100.893


 41, 25.010,
100.893


 100, 25.010,
100.893


 31, 25.010,
100.893

 61, 25.010,
100.893


 21, 25.010,
100.893

 71, 25.010,
100.893

 11, 25.010,
100.893

 81, 25.010,
100.893

 1, 25.010, 100.893

 91, 25.010,
100.893

 0, 25.010, 100.893

 41, 25.010,

 41, 25.010,

100.893

100.893

■ 41, 30.169, 99.892

■ 42, 19.651,
101.915

■ 40, 34.983, 98.917

■ 42, 14.184,
102.935

■ 40, 39.239, 97.987

■ 39, 42.659, 97.112

■ 43, 8.667, 103.945

■ 39, 45.191, 96.293

■ 43, 3.136, 104.925

■ 39, 46.338, 95.951

■ 44, 2.386, 285.944

■ 44, 7.886, 286.862

■ 45, 13.355,
287.761

■ 46, 18.788,
288.625

■ 47, 24.181,
289.450

Harmonies

Complementary

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



41, 25.010, 100.893



27, 27.302, 291.824

Rectangle

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



41, 25.010, 100.893



41, 25.010, 150.893



41, 25.010, 280.893



41, 25.010, 330.893

Sweetspot

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



41, 25.011, 100.896



54, 9.531, 104.074



29, 22.302, 15.070



27, 6.527, 103.919



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, 25.011, 100.896



52, 36.674, 99.809



41, 28.825, 122.696



21, 3.079, 104.615



43, 50.039, 95.855



86, 86.435, 95.386

Inverse Universe

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



27, 27.302, 291.824



31, 41.319, 294.020



27, 31.229, 307.545



19, 3.127, 286.435



13, 68.552, 304.051



32, 123.378, 305.112

Previews

White Background



This preview shows how the CIE LCh color 41, 25.010, 100.893 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, 25.010, 100.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

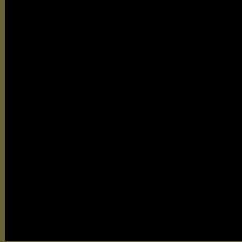
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 25.010, 100.893

Background



This preview shows how black text looks on a background with the CIELCh color 41, 25.010, 100.893.



This preview shows how white text looks on a background with the CIELCh color 41, 25.010, 100.893.

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, 25.010, 100.893

Protanopia

41, 25.327, 96.528

Deuteranopia

41, 24.536, 77.339



Tritanopia
41, 7.254, 344.661

Trichromacy



Original Color
41, 25.010, 100.893

Protanomaly
41, 25.241, 97.602

Deuteranomaly
41, 23.928, 85.487

Tritanomaly
41, 8.001, 75.570

Monochromacy



Original Color
41, 25.010, 100.893

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 9.106, 103.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 25.010, 100.893 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(103, 98, 56)` looks like.

```
.text, #text, p{  
    color:rgb(103, 98, 56)  
}
```

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(103, 98, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 98, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 25.010, 100.893 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(103, 98, 56) }
```

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

```
.border{ border-color:rgb(103, 98, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 98, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 98, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 98, 56);  
box-shadow:4px 4px 4px 4px rgb(103, 98,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 25.010, 100.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 98, 56) }
```

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

```
.background{ background-color: rgb(103, 98,  
56) }
```

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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