

Converting Colors

CIELCh(41, 28.087, 38.763)

Have a look what the booklet for
CIELCh(41, 28.087, 38.763) contains.

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Color

CIELCh(41, 28.087, 38.763)

Conversions

Conversions Part 1

Format	Color
Hex	8A5245
RGB	138, 82, 69
RGB Percent	54%, 32%, 27%
CMY	0.4589, 0.6785, 0.7295
CMYK	0.00, 0.41, 0.50, 0.46
HSL	11°, 33%, 41%
HSV	11°, 50%, 54%
XYZ	14.5693, 11.8645, 7.1505
YIQ	97.2620, 37.5490, 7.8290

Conversions

Conversions Part 2

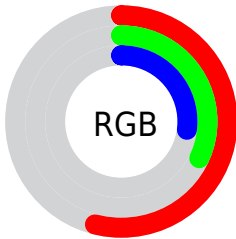
Format	Color
R_{YB}	138, 85, 69
Decimal	9065029
CIE _{Lab}	41.00, 21.90, 17.59
CIE _{LCh}	41, 28.087, 38.763
Yxy	11.8645, 0.4338, 0.3533
Android (android.graphics.Color)	4287255109 (0xFF8A5245)
YUV	97.2620, -13.9332, 35.7272
Hunter-Lab	34.4449, 15.2223, 11.8032

Details

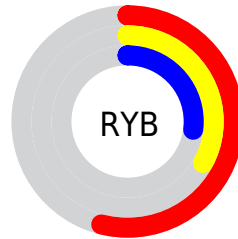
The CIELCh color **41, 28.087, 38.763** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **49, 19.468, 221.011**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 28.279, 38.932**, and **21, 27.987, 38.576** is the 20% darker color. If you saturate the color by 10%, you get **38, 34.973, 39.449**, and if you desaturate by 10%, it is **44, 21.603, 38.312**.

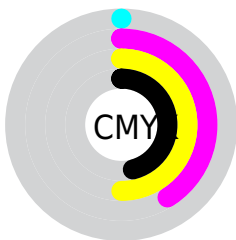
Distribution



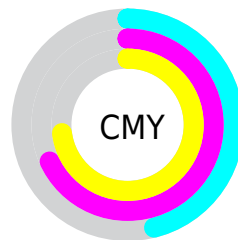
- Red (54%)
- Green (32%)
- Blue (27%)



- Red (54%)
- Yellow (33%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (50%)
- Black (46%)



- Cyan (46%)
- Magenta (68%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 28.087, 38.763 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, 28.087, 38.763 by changing the saturation by 10% instead.

■ 41, 28.087, 38.763

■ 41, 28.087, 38.763

■ 100, 28.087,
38.763

■ 31, 28.087, 38.763

■ 61, 28.087, 38.763

■ 21, 28.087, 38.763

■ 71, 28.087, 38.763

■ 11, 28.087, 38.763

■ 81, 28.087, 38.763

■ 1, 28.087, 38.763

■ 91, 28.087, 38.763

■ 0, 28.087, 38.763

■ 41, 28.087, 38.763

■ 41, 28.087, 38.763

■ 38, 34.973, 39.449

■ 44, 21.603, 38.312

■ 36, 42.163, 40.364

■ 47, 15.561, 38.052

■ 33, 49.429, 41.442

■ 51, 9.962, 37.945

■ 31, 56.280, 42.431

■ 54, 4.786, 37.934

■ 30, 62.126, 43.221

■ 57, 0.007, 307.862

■ 61, 4.433, 218.447

■ 64, 8.549, 218.657

■ 68, 12.386,
218.935

■ 72, 15.977,
219.246

Harmonies

Complementary

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



41, 28.087, 38.763



49, 19.468, 221.011

Rectangle

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



41, 28.087, 38.763



41, 28.087, 88.763



41, 28.087, 218.763



41, 28.087, 268.763

Sweetspot

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



41, 28.086, 38.767



66, 9.046, 37.933



40, 41.864, 333.094



34, 6.193, 37.935



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



41, 28.086, 38.767



49, 43.345, 39.554



50, 29.158, 86.087



27, 2.686, 37.933



29, 60.081, 43.116



0, 1.206, 38.142

Inverse Universe

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



49, 19.468, 221.011



61, 27.104, 222.531



39, 29.327, 281.094



28, 2.542, 218.447



42, 26.866, 231.931



1, 1.206, 218.162

Previews

White Background



This preview shows how the CIELCh color 41, 28.087, 38.763 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, 28.087, 38.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

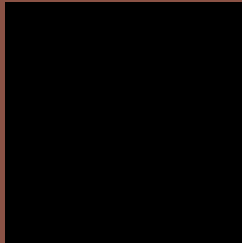
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 28.087, 38.763

Background



This preview shows how black text looks on a background with the CIELCh color 41, 28.087, 38.763.



This preview shows how white text looks on a background with the CIELCh color 41, 28.087, 38.763.

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, 28.087, 38.763

Protanopia

41, 13.039, 94.167

Deuteranopia

41, 19.266, 73.482



Tritanopia
41, 26.460, 15.881

Trichromacy



Original Color
41, 28.087, 38.763

Protanomaly
41, 16.182, 64.907

Deuteranomaly
41, 21.250, 57.017

Tritanomaly
41, 26.545, 24.633

Monochromacy



Original Color
41, 28.087, 38.763

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 9.373, 39.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 28.087, 38.763 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(138, 82, 69)` looks like.

```
.text, #text, p{  
    color:rgb(138, 82, 69)  
}
```

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(138, 82, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 82, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 28.087, 38.763 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(138, 82, 69) }
```

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

```
.border{ border-color:rgb(138, 82, 69) }
```

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

Here you see how a box with a 4 pixel rgb(138, 82, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 82, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 82, 69);  
box-shadow:4px 4px 4px 4px rgb(138, 82,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 28.087, 38.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 82, 69) }
```

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

```
.background{ background-color: rgb(138, 82,  
69) }
```

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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