

Converting Colors

CIELCh(41, 32.988, 96.518)

Have a look what the booklet for
CIELCh(41, 32.988, 96.518) contains.

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Color

CIELCh(41, 32.960, 96.573)

Conversions

Conversions Part 1

Format	Color
Hex	6B6129
RGB	107, 97, 41
RGB Percent	42%, 38%, 16%
CMY	0.5799, 0.6192, 0.8388
CMYK	0.00, 0.09, 0.62, 0.58
HSL	51°, 45%, 29%
HSV	51°, 62%, 42%
XYZ	10.7653, 11.8645, 3.8304
YIQ	93.6060, 23.9360, -15.2960

Conversions

Conversions Part 2

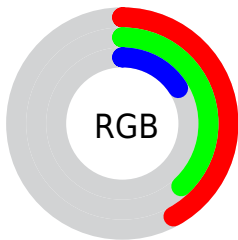
Format	Color
RYB	53, 107, 41
Decimal	7037225
CIELab	41.00, -3.77, 32.74
CIELCh	41, 32.960, 96.573
Yxy	11.8645, 0.4068, 0.4484
Android (android.graphics.Color)	4285227305 (0xFF6B6129)
YUV	93.6060, -25.9348, 11.7465
Hunter-Lab	34.4449, -4.4908, 17.5182

Details

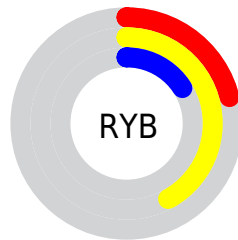
The CIELCh color **41, 32.960, 96.573** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **23, 37.099, 293.206**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 32.574, 96.329**, and **21, 29.700, 95.971** is the 20% darker color. If you saturate the color by 10%, you get **40, 37.545, 95.505**, and if you desaturate by 10%, it is **42, 27.939, 97.660**.

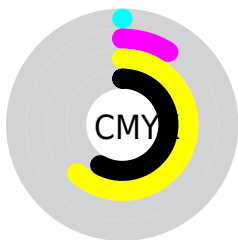
Distribution



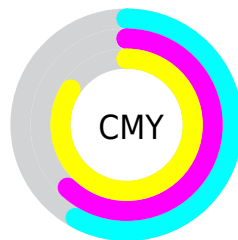
- Red (42%)
- Green (38%)
- Blue (16%)



- Red (21%)
- Yellow (42%)
- Blue (16%)



- Cyan (0%)
- Magenta (9%)
- Yellow (62%)
- Black (58%)



- Cyan (58%)
- Magenta (62%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 32.960, 96.573 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, 32.960, 96.573 by changing the saturation by 10% instead.

41, 32.960, 96.573

41, 32.960, 96.573

100, 32.960,
96.573

31, 32.960, 96.573

61, 32.960, 96.573

21, 32.960, 96.573

71, 32.960, 96.573

11, 32.960, 96.573

81, 32.960, 96.573

1, 32.960, 96.573

91, 32.960, 96.573

0, 32.960, 96.573

41, 32.960, 96.573

41, 32.960, 96.573

40, 37.545, 95.505

42, 27.939, 97.660

40, 41.425, 94.450

42, 22.668, 98.750

■ 39, 44.274, 93.400

■ 43, 17.266, 99.836

■ 39, 46.443, 92.553

■ 44, 11.807,
100.910

■ 44, 6.336, 101.959

■ 45, 0.878, 102.906

■ 46, 4.551, 284.016

■ 47, 9.942, 284.966

■ 48, 15.291,
285.883

Harmonies

Complementary

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



41, 32.960, 96.573



23, 37.099, 293.206

Rectangle

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



41, 32.960, 96.573



41, 32.960, 146.573



41, 32.960, 276.573



41, 32.960, 326.573

Sweetspot

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



41, 32.960, 96.576



57, 12.257, 101.240



27, 31.571, 14.766



29, 8.586, 100.998



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 32.960, 96.576



52, 47.783, 95.033



42, 38.829, 120.067



22, 3.060, 102.232



42, 49.498, 92.435



84, 84.769, 91.737

Inverse Universe

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



23, 37.099, 293.206



26, 56.899, 296.856



23, 44.068, 307.257



20, 3.101, 284.145



14, 67.014, 302.923



34, 120.465, 304.204

Previews

White Background



This preview shows how the CIELCh color 41, 32.960, 96.573 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, 32.960, 96.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

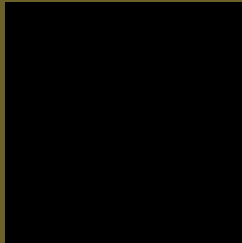
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 32.960, 96.573

Background



This preview shows how black text looks on a background with the CIELCh color 41, 32.960, 96.573.



This preview shows how white text looks on a background with the CIELCh color 41, 32.960, 96.573.

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, 32.960, 96.573

Protanopia

41, 33.048, 95.730

Deuteranopia

41, 32.506, 80.257



Tritanopia
41, 9.860, 355.430

Trichromacy



Original Color
41, 32.960, 96.573

Protanomaly
41, 33.048, 95.730

Deuteranomaly
41, 32.465, 86.698

Tritanomaly
41, 12.484, 70.302

Monochromacy



Original Color
41, 32.960, 96.573

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 12.222, 99.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 32.960, 96.573 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(107, 97, 41)` looks like.

```
.text, #text, p{  
    color:rgb(107, 97, 41)  
}
```

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(107, 97, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 97, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 32.960, 96.573 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(107, 97, 41) }
```

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

```
.border{ border-color:rgb(107, 97, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 97, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 97, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 97, 41);  
box-shadow:4px 4px 4px 4px rgb(107, 97,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 32.960, 96.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 97, 41) }
```

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

```
.background{ background-color: rgb(107, 97,  
41) }
```

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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