

Converting Colors

CIELCh(40, 41.482, 132.022)

Have a look what the booklet for
CIELCh(40, 41.482, 132.022)
contains.

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Color

CIELCh(40, 41.482, 132.022)

Conversions

Conversions Part 1

Format	Color
Hex	3E6929
RGB	62, 105, 41
RGB Percent	24%, 41%, 16%
CMY	0.7574, 0.5888, 0.8398
CMYK	0.41, 0.00, 0.61, 0.59
HSL	100°, 44%, 29%
HSV	100°, 61%, 41%
XYZ	7.4113, 11.2510, 3.8660
YIQ	84.8470, -5.0840, -29.0200

Conversions

Conversions Part 2

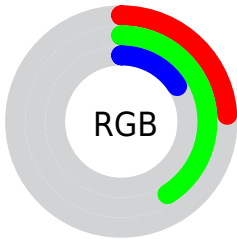
Format	Color
R_{YB}	41, 105, 84
Decimal	4090153
CIE _{Lab}	40.00, -27.77, 30.82
CIE _{LCh}	40, 41.482, 132.022
Yxy	11.2510, 0.3290, 0.4994
Android (android.graphics.Color)	4282280233 (0xFF3E6929)
YUV	84.8470, -21.6166, -20.0368
Hunter-Lab	33.5425, -19.2590, 16.6461

Details

The CIELCh color $40, 41.482, 132.022$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $25, 43.432, 317.175$, and the grayscale version is $36, 0.005, 296.813$.

A 20% lighter version of the original color is $60, 41.496, 132.002$, and $20, 38.478, 134.358$ is the 20% darker color. If you saturate the color by 10%, you get $40, 47.233, 131.687$, and if you desaturate by 10%, it is $41, 35.181, 132.475$.

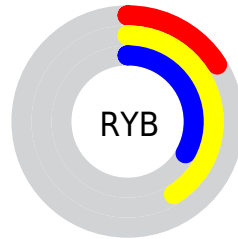
Distribution



Red (24%)

Green (41%)

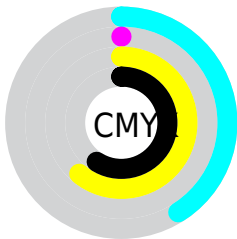
Blue (16%)



Red (16%)

Yellow (41%)

Blue (33%)

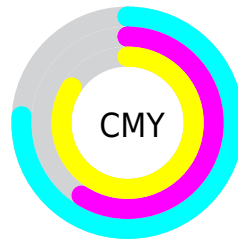


Cyan (41%)

Magenta (0%)

Yellow (61%)

Black (59%)



Cyan (76%)


Magenta (59%)


Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 41.482, 132.022 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 40, 41.482, 132.022 by changing the saturation by 10% instead.


 40, 41.482,
132.022


 40, 41.482,
132.022


 100, 41.482,
132.022


 30, 41.482,
132.022

 60, 41.482,
132.022


 20, 41.482,
132.022

 70, 41.482,
132.022

 10, 41.482,
132.022

 80, 41.482,
132.022

 0, 41.482, 132.022

 90, 41.482,
132.022

 40, 41.482,

 40, 41.482,

132.022

132.022

■ 40, 47.233,
131.687

■ 41, 35.181,
132.475

■ 39, 52.183,
131.562

■ 41, 28.522,
132.974

■ 39, 56.069,
131.755

■ 42, 21.654,
133.478

■ 39, 59.125,
131.875

■ 43, 14.680,
133.960

■ 43, 7.680, 134.412

■ 44, 0.709, 134.953

■ 45, 6.193, 315.145

■ 46, 12.996,
315.474

■ 47, 19.681,

Harmonies

Complementary

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



40, 41.482, 132.022



25, 43.432, 317.175

Rectangle

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



40, 41.482, 132.022



40, 41.482, 182.022



40, 41.482, 312.022



40, 41.482, 2.022

Sweetspot

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



40, 41.483, 132.023



54, 15.472, 134.078



37, 28.138, 83.422



28, 10.839, 133.975



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



40, 41.483, 132.023



50, 59.119, 131.606



39, 40.725, 144.032



22, 3.978, 134.501



43, 64.163, 132.056



85, 111.454, 132.845

Inverse Universe

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



25, 43.432, 317.175



29, 62.263, 317.405



28, 40.280, 333.062



21, 4.011, 315.173



20, 67.663, 316.888



45, 116.850, 316.319

Previews

White Background



This preview shows how the CIELCh color 40, 41.482, 132.022 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 40, 41.482, 132.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

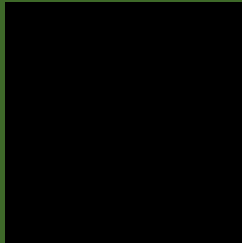
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 41.482, 132.022

Background



This preview shows how black text looks on a background with the CIELCh color 40, 41.482, 132.022.



This preview shows how white text looks on a background with the CIELCh color 40, 41.482, 132.022.

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
40, 41.482, 132.022

Protanopia
40, 33.132, 95.557

Deuteranopia
40, 29.881, 79.257



Tritanopia
40, 10.415, 226.520

Trichromacy



Original Color
40, 41.482, 132.022

Protanomaly
40, 34.329, 112.175

Deuteranomaly
39, 30.496, 104.459

Tritanomaly
40, 16.937, 157.015

Monochromacy



Original Color
40, 41.482, 132.022

Achromatopsia
36, 0.005, 296.813

Achromatomaly
37, 15.582, 133.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 41.482, 132.022 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(62, 105, 41)` looks like.

```
.text, #text, p{  
    color:rgb(62, 105, 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(62, 105, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 105, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 41.482, 132.022 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(62, 105, 41) }
```

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

```
.border{ border-color:rgb(62, 105, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 105, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 105, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 105, 41);  
box-shadow:4px 4px 4px 4px rgb(62, 105,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 41.482, 132.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 105, 41) }
```

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

```
.background{ background-color: rgb(62, 105,  
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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