

Converting Colors

CIELCh(46, 32.888, 151.844)

Have a look what the booklet for
CIELCh(46, 32.888, 151.844)
contains.

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Color

CIELCh(46, 32.912, 151.859)

Conversions

Conversions Part 1

Format	Color
Hex	3D7952
RGB	61, 121, 82
RGB Percent	24%, 47%, 32%
CMY	0.7609, 0.5256, 0.6785
CMYK	0.50, 0.00, 0.32, 0.53
HSL	141°, 33%, 36%
HSV	141°, 50%, 47%
XYZ	10.2793, 15.2687, 10.3833
YIQ	98.6140, -23.2410, -24.8490

Conversions

Conversions Part 2

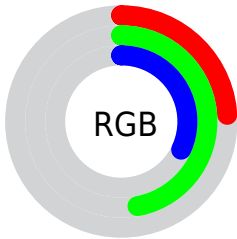
Format	Color
R_{YB}	61, 105, 121
Decimal	4028754
CIE _{Lab}	46.00, -29.02, 15.52
CIE _{LCh}	46, 32.912, 151.859
Yxy	15.2687, 0.2861, 0.4249
Android (android.graphics.Color)	4282218834 (0xFF3D7952)
YUV	98.6140, -8.1907, -32.9875
Hunter-Lab	39.0751, -21.4245, 11.5977

Details

The CIELCh color $46, 32.912, 151.859$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $35, 33.463, 340.342$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 32.941, 152.208$, and $26, 32.955, 151.826$ is the 20% darker color. If you saturate the color by 10%, you get $45, 38.909, 150.535$, and if you desaturate by 10%, it is $47, 26.562, 153.021$.

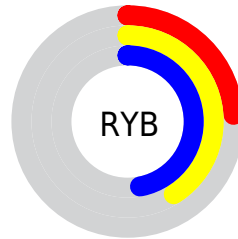
Distribution



Red (24%)

Green (47%)

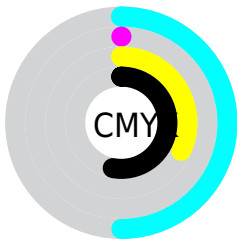
Blue (32%)



Red (24%)

Yellow (41%)

Blue (47%)

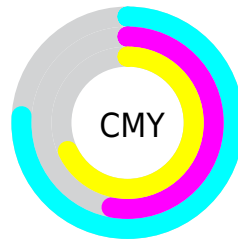


Cyan (50%)

Magenta (0%)

Yellow (32%)

Black (53%)



Cyan (76%)


Magenta (53%)


Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 32.912, 151.859 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 46, 32.912, 151.859 by changing the saturation by 10% instead.


 46, 32.912,
151.859


 46, 32.912,
151.859


 100, 32.912,
151.859


 36, 32.912,
151.859

 66, 32.912,
151.859


 26, 32.912,
151.859


 76, 32.912,
151.859

 16, 32.912,
151.859

 86, 32.912,
151.859

 6, 32.912, 151.859

 96, 32.912,
151.859

 0, 32.912, 151.859

 46, 32.912,

 46, 32.912,

151.859

151.859

■ 45, 38.909,
150.535

■ 47, 26.562,
153.021

■ 45, 44.440,
149.035

■ 48, 19.969,
154.041

■ 44, 49.411,
147.356

■ 49, 13.240,
154.941

■ 44, 53.755,
145.511

■ 50, 6.467, 155.747

■ 44, 57.590,
143.693

■ 51, 0.276, 335.518

■ 52, 6.930, 336.995

■ 44, 57.740,
143.627

■ 54, 13.454,
337.572

■ 55, 19.819,
338.085

■ 57, 26.006,

Harmonies

Complementary

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



46, 32.912, 151.859



35, 33.463, 340.342

Rectangle

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



46, 32.912, 151.859



46, 32.912, 201.859



46, 32.912, 331.859



46, 32.912, 21.859

Sweetspot

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



46, 32.913, 151.859



63, 12.608, 155.290



48, 35.311, 121.164



32, 8.558, 155.152



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



46, 32.913, 151.859



58, 48.582, 150.263



47, 21.914, 182.852



25, 3.831, 155.788



45, 59.198, 143.549



87, 102.378, 142.351

Inverse Universe

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



35, 33.463, 340.342



42, 49.011, 341.611



34, 27.846, 13.446



24, 3.855, 336.962



27, 53.163, 347.828



56, 88.592, 349.281

Previews

White Background



This preview shows how the CIELCh color 46, 32.912, 151.859 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 46, 32.912, 151.859 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 46, 32.912, 151.859

Background



This preview shows how black text looks on a background with the CIELCh color 46, 32.912, 151.859.



This preview shows how white text looks on a background with the CIELCh color 46, 32.912, 151.859.

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

46, 32.912, 151.859

Protanopia

46, 19.292, 95.224

Deuteranopia

46, 14.982, 65.068



Tritanopia
46, 15.951, 217.628

Trichromacy



Original Color
46, 32.912, 151.859

Protanomaly
45, 21.689, 126.152

Deuteranomaly
45, 15.069, 119.766

Tritanomaly
46, 19.193, 181.010

Monochromacy



Original Color
46, 32.912, 151.859

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 12.429, 155.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 32.912, 151.859 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(61, 121, 82)` looks like.

```
.text, #text, p{  
    color:rgb(61, 121, 82)  
}
```

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(61, 121, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 121, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 32.912, 151.859 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(61, 121, 82) }
```

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

```
.border{ border-color:rgb(61, 121, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 121, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 121, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 121, 82);  
box-shadow:4px 4px 4px 4px rgb(61, 121,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 32.912, 151.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 121, 82) }
```

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

```
.background{ background-color: rgb(61, 121,  
82) }
```

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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