

Converting Colors

CIELCh(32, 20.766, 142.511)

Have a look what the booklet for
CIELCh(32, 20.766, 142.511)
contains.

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Color

CIELCh(32, 20.778, 142.347)

Conversions

Conversions Part 1

Format	Color
Hex	375237
RGB	55, 82, 55
RGB Percent	22%, 32%, 22%
CMY	0.7851, 0.6792, 0.7850
CMYK	0.33, 0.00, 0.33, 0.68
HSL	120°, 20%, 27%
HSV	120°, 33%, 32%
XYZ	5.2522, 7.0852, 4.6815
YIQ	70.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

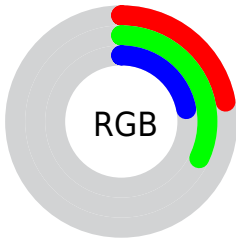
Format	Color
RYB	55, 82, 82
Decimal	3625527
CIELab	32.00, -16.45, 12.69
CIELCh	32, 20.778, 142.347
Yxy	7.0852, 0.3086, 0.4163
Android (android.graphics.Color)	4281815607 (0xFF375237)
YUV	70.8490, -7.8136, -13.8996
Hunter-Lab	26.6180, -11.3599, 8.2047

Details

The CIELCh color **32, 20.778, 142.347** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **27, 20.775, 326.071**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 21.020, 142.194**, and **12, 20.673, 142.168** is the 20% darker color. If you saturate the color by 10%, you get **31, 26.917, 141.496**, and if you desaturate by 10%, it is **33, 14.494, 143.097**.

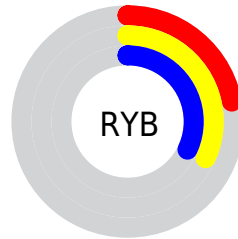
Distribution



 Red (22%)

 Green (32%)

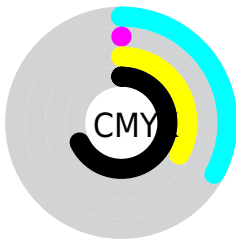
 Blue (22%)




 Red (22%)

 Yellow (32%)

 Blue (32%)

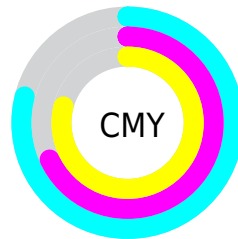


 Cyan (33%)

 Magenta (0%)

 Yellow (33%)

 Black (68%)



 Cyan (79%)


 Magenta (68%)


 Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 20.778, 142.347 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 32, 20.778, 142.347 by changing the saturation by 10% instead.


 32, 20.778,
142.347


 32, 20.778,
142.347

 100, 20.778,
142.347


 22, 20.778,
142.347

 52, 20.778,
142.347


 12, 20.778,
142.347


 62, 20.778,
142.347

 2, 20.778, 142.347

 72, 20.778,
142.347

 0, 20.778, 142.347

 82, 20.778,
142.347

 92, 20.778,
142.347

■ 32, 20.778,
142.347

■ 32, 20.778,
142.347

■ 31, 26.917,
141.496

■ 33, 14.494,
143.097

■ 31, 32.780,
140.550

■ 34, 8.165, 143.753

■ 30, 38.210,
139.532

■ 35, 1.868, 144.367

■ 36, 4.337, 324.743

■ 30, 43.020,
138.497

■ 37, 10.413,
325.172

■ 30, 47.000,
137.529

■ 38, 16.333,
325.529

■ 30, 50.147,
136.684

■ 39, 22.081,
325.834

■ 29, 52.443,
136.020

■ 40, 27.652,
326.097

■ 42, 33.044,
326.323

Harmonies

Complementary

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



32, 20.778, 142.347



27, 20.775, 326.071

Rectangle

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



32, 20.778, 142.347



32, 20.778, 192.347



32, 20.778, 322.347



32, 20.778, 12.347

Sweetspot

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



32, 20.779, 142.347



44, 7.835, 143.913



34, 16.653, 107.277



22, 5.285, 143.866



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



32, 20.779, 142.347



41, 31.323, 141.636



32, 14.321, 160.862



16, 3.494, 144.011



38, 62.188, 136.019



81, 111.529, 136.017

Inverse Universe

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



27, 20.775, 326.071



34, 31.277, 326.465



27, 14.860, 346.446



15, 3.500, 324.856



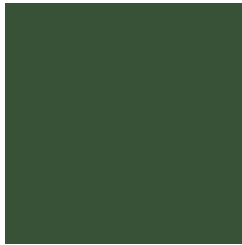
24, 59.998, 328.240



55, 107.594, 328.240

Previews

White Background



This preview shows how the CIELCh color 32, 20.778, 142.347 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 32, 20.778, 142.347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32, 20.778, 142.347

Background



This preview shows how black text looks on a background with the CIELCh color 32, 20.778, 142.347.



This preview shows how white text looks on a background with the CIELCh color 32, 20.778, 142.347.

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

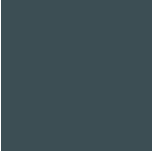
32, 20.778, 142.347

Protanopia

32, 14.721, 96.149

Deuteranopia

32, 12.314, 69.707



Tritanopia
32, 7.959, 227.234

Trichromacy



Original Color
32, 20.778, 142.347

Protanomaly
32, 15.273, 118.141

Deuteranomaly
32, 12.542, 107.888

Tritanomaly
32, 9.629, 174.655

Monochromacy



Original Color
32, 20.778, 142.347

Achromatopsia
30, 0.005, 296.813

Achromatomaly
31, 7.794, 143.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 20.778, 142.347 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(55, 82, 55)` looks like.

```
.text, #text, p{  
    color:rgb(55, 82, 55)  
}
```

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(55, 82, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 82, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 20.778, 142.347 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(55, 82, 55) }
```

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

```
.border{ border-color:rgb(55, 82, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 82, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 82, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 82, 55);  
box-shadow:4px 4px 4px 4px rgb(55, 82, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 20.778, 142.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 82, 55) }
```

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

```
.background{ background-color: rgb(55, 82,  
55) }
```

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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