

Converting Colors

CIELCh(32, 14.839, 198.233)

Have a look what the booklet for
CIELCh(32, 14.839, 198.233)
contains.

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Color

CIELCh(32, 15.006, 197.316)

Conversions

Conversions Part 1

Format	Color
Hex	295252
RGB	41, 82, 82
RGB Percent	16%, 32%, 32%
CMY	0.8399, 0.6791, 0.6791
CMYK	0.50, 0.00, 0.00, 0.68
HSL	180°, 33%, 24%
HSV	180°, 50%, 32%
XYZ	5.4300, 7.0852, 9.0322
YIQ	69.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

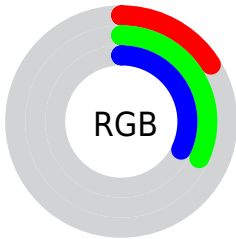
Format	Color
R_{YB}	41, 62, 82
Decimal	2708050
CIE _{Lab}	32.00, -14.33, -4.47
CIE _{LCh}	32, 15.006, 197.316
Yxy	7.0852, 0.2520, 0.3288
Android (android.graphics.Color)	4280898130 (0xFF295252)
YUV	69.7410, 6.0437, -25.2059
Hunter-Lab	26.6180, -10.1680, -1.4861

Details

The CIELCh color **32, 15.006, 197.316** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **22, 20.852, 24.274**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 15.208, 195.677**, and **12, 13.254, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **32, 17.115, 197.028**, and if you desaturate by 10%, it is **32, 12.545, 197.653**.

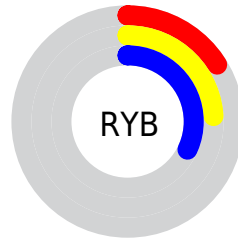
Distribution



Red (16%)

Green (32%)

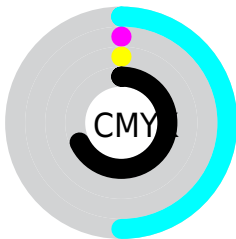
Blue (32%)



Red (16%)

Yellow (24%)

Blue (32%)

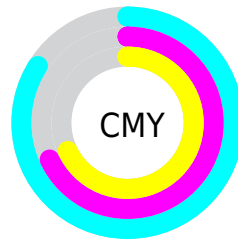


Cyan (50%)

Magenta (0%)

Yellow (0%)

Black (68%)



Cyan (84%)


Magenta (68%)


Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 15.006, 197.316 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, 15.006, 197.316 by changing the saturation by 10% instead.


 32, 15.006,
197.316


 32, 15.006,
197.316

 100, 15.006,
197.316


 22, 15.006,
197.316

 52, 15.006,
197.316


 12, 15.006,
197.316


 62, 15.006,
197.316

 2, 15.006, 197.316

 72, 15.006,
197.316

 0, 15.006, 197.316

 82, 15.006,
197.316

 92, 15.006,
197.316

■ 32, 15.006,
197.316

■ 32, 15.006,
197.316

■ 32, 17.115,
197.028

■ 32, 12.545,
197.653

■ 31, 18.842,
196.797

■ 33, 9.771, 198.043

■ 33, 6.731, 198.483

■ 31, 20.171,
196.620

■ 34, 3.470, 198.988

■ 31, 21.116,
196.496

■ 35, 0.036, 207.602

■ 31, 21.951,
196.387

■ 36, 3.532, 19.841

■ 36, 7.195, 20.424

■ 37, 10.921, 20.994

■ 38, 14.684, 21.567

Harmonies

Complementary

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



32, 15.006, 197.316



22, 20.852, 24.274

Rectangle

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



32, 15.006, 197.316



32, 15.006, 247.316



32, 15.006, 17.316



32, 15.006, 67.316

Sweetspot

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



32, 15.006, 197.314



44, 6.350, 198.703



31, 31.134, 140.828



22, 4.269, 198.645



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, 15.006, 197.314



41, 21.100, 196.976



25, 15.011, 263.719



16, 1.921, 199.068



40, 26.021, 196.387



84, 46.664, 196.387

Inverse Universe

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



24, 31.020, 326.841



29, 45.166, 327.313



28, 17.126, 69.717



15, 3.500, 324.851



24, 60.006, 328.233



55, 107.610, 328.233

Previews

White Background



This preview shows how the CIELCh color 32, 15.006, 197.316 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, 15.006, 197.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

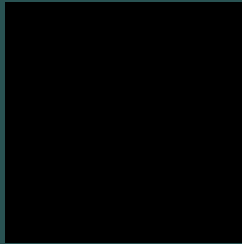
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 15.006, 197.316

Background



This preview shows how black text looks on a background with the CIELCh color 32, 15.006, 197.316.



This preview shows how white text looks on a background with the CIELCh color 32, 15.006, 197.316.

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, 15.006, 197.316

Protanopia

32, 1.348, 309.126

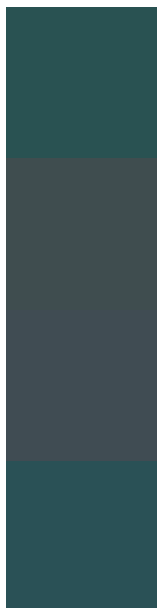
Deuteranopia

32, 7.324, 308.027



Tritanopia
32, 14.073, 216.191

Trichromacy



Original Color
32, 15.006, 197.316

Protanomaly
32, 5.862, 211.189

Deuteranomaly
32, 6.473, 242.476

Tritanomaly
32, 14.224, 210.538

Monochromacy



Original Color
32, 15.006, 197.316

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 6.245, 198.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 15.006, 197.316 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(41, 82, 82)` looks like.

```
.text, #text, p{  
    color:rgb(41, 82, 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(41, 82, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 82, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 15.006, 197.316 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(41, 82, 82) }
```

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

```
.border{ border-color:rgb(41, 82, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 82, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 82, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 82, 82);  
box-shadow:4px 4px 4px 4px rgb(41, 82, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 15.006, 197.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 82, 82) }
```

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

```
.background{ background-color: rgb(41, 82,  
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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