

Converting Colors

CIELCh(32, 16.005, 145.095)

Have a look what the booklet for
CIELCh(32, 16.005, 145.095)
contains.

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Color

CIELCh(32, 15.953, 145.302)

Conversions

Conversions Part 1

Format	Color
Hex	3B513D
RGB	59, 81, 61
RGB Percent	23%, 32%, 24%
CMY	0.7700, 0.6837, 0.7621
CMYK	0.27, 0.00, 0.25, 0.68
HSL	125°, 16%, 27%
HSV	125°, 27%, 32%
XYZ	5.5330, 7.0852, 5.4434
YIQ	72.1420, -6.6920, -10.8840

Conversions

Conversions Part 2

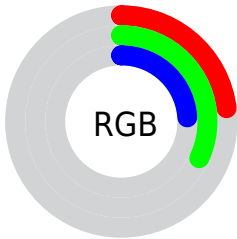
Format	Color
RYB	59, 79, 81
Decimal	3887421
CIELab	32.00, -13.12, 9.08
CIElCh	32, 15.953, 145.302
Yxy	7.0852, 0.3063, 0.3923
Android (android.graphics.Color)	4282077501 (0xFF3B513D)
YUV	72.1420, -5.4930, -11.5255
Hunter-Lab	26.6180, -9.4773, 6.5077

Details

The CIELCh color **32, 15.953, 145.302** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **28, 15.974, 328.429**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 15.841, 144.554**, and **12, 15.622, 145.589** is the 20% darker color. If you saturate the color by 10%, you get **31, 21.754, 144.487**, and if you desaturate by 10%, it is **33, 10.084, 146.015**.

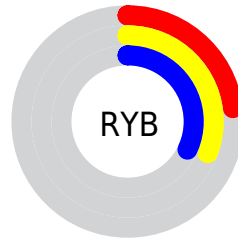
Distribution



 Red (23%)

 Green (32%)

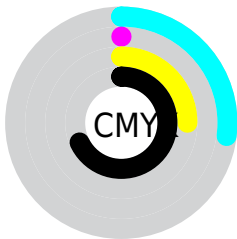
 Blue (24%)




 Red (23%)

 Yellow (31%)

 Blue (32%)

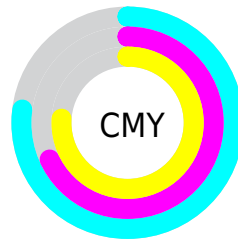



 Cyan (27%)


 Magenta (0%)

 Yellow (25%)

 Black (68%)



 Cyan (77%)


 Magenta (68%)


 Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 15.953, 145.302 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, 15.953, 145.302 by changing the saturation by 10% instead.


 32, 15.953,
145.302


 32, 15.953,
145.302

 100, 15.953,
145.302


 22, 15.953,
145.302

 52, 15.953,
145.302


 12, 15.953,
145.302


 62, 15.953,
145.302

 2, 15.953, 145.302

 72, 15.953,
145.302

 0, 15.953, 145.302

 82, 15.953,
145.302

 92, 15.953,
145.302

■ 32, 15.953,
145.302

■ 32, 15.953,
145.302

■ 31, 21.754,
144.487

■ 33, 10.084,
146.015

■ 31, 27.392,
143.559

■ 34, 4.219, 146.647

■ 30, 32.755,
142.517

■ 35, 1.583, 327.051

■ 36, 7.281, 327.582

■ 30, 37.714,
141.375

■ 37, 12.846,
327.990

■ 29, 42.127,
140.167

■ 38, 18.260,
328.340

■ 29, 45.844,
138.953

■ 39, 23.514,
328.646

■ 29, 48.888,
138.052

■ 40, 28.604,
328.914

■ 29, 49.672,

137.867

■ 42, 33.530,
329.150

Harmonies

Complementary

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



32, 15.953, 145.302



28, 15.974, 328.429

Rectangle

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



32, 15.953, 145.302



32, 15.953, 195.302



32, 15.953, 325.302



32, 15.953, 15.302

Sweetspot

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



32, 15.954, 145.302



43, 5.763, 146.585



34, 13.676, 111.376



22, 4.132, 146.522



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, 15.954, 145.302



41, 23.904, 144.752



32, 11.015, 166.069



16, 3.281, 146.557



38, 60.105, 137.426



81, 109.782, 136.666

Inverse Universe

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



28, 15.974, 328.429



35, 23.919, 328.796



27, 11.526, 350.823



15, 3.288, 327.431



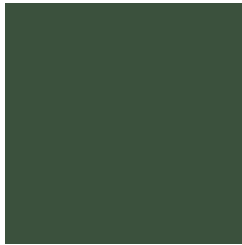
23, 56.070, 332.004



54, 100.080, 332.293

Previews

White Background



This preview shows how the CIE LCh color 32, 15.953, 145.302 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 CIELCh color 32, 15.953, 145.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

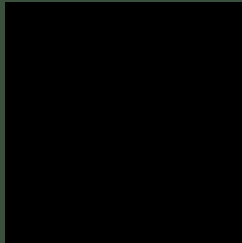
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 15.953, 145.302

Background



This preview shows how black text looks on a background with the CIELCh color 32, 15.953, 145.302.



This preview shows how white text looks on a background with the CIELCh color 32, 15.953, 145.302.

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, 15.953, 145.302

Protanopia

32, 10.957, 95.750

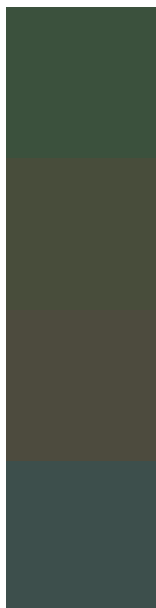
Deuteranopia

32, 9.551, 61.224



Tritanopia
32, 7.002, 231.715

Trichromacy



Original Color
32, 15.953, 145.302

Protanomaly
32, 11.540, 119.703

Deuteranomaly
32, 8.244, 102.224

Tritanomaly
32, 7.755, 184.048

Monochromacy



Original Color
32, 15.953, 145.302

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 5.708, 147.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 15.953, 145.302 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(59, 81, 61)` looks like.

```
.text, #text, p{  
    color:rgb(59, 81, 61)  
}
```

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(59, 81, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 81, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 15.953, 145.302 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(59, 81, 61) }
```

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

```
.border{ border-color:rgb(59, 81, 61) }
```

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

Here you see how a box with a 4 pixel rgb(59, 81, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 81, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 81, 61);  
box-shadow:4px 4px 4px 4px rgb(59, 81, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 15.953, 145.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 81, 61) }
```

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

```
.background{ background-color: rgb(59, 81,  
61) }
```

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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