

Converting Colors

CIELCh(32, 5.865, 188.467)

Have a look what the booklet for
CIELCh(32, 5.865, 188.467) contains.

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Color

CIELCh(32, 6.036, 186.383)

Conversions

Conversions Part 1

Format	Color
Hex	404E4C
RGB	64, 78, 76
RGB Percent	25%, 31%, 30%
CMY	0.7485, 0.6936, 0.7015
CMYK	0.18, 0.00, 0.03, 0.69
HSL	171°, 10%, 28%
HSV	171°, 18%, 31%
XYZ	6.1653, 7.0852, 7.9037
YIQ	73.5860, -7.7020, -3.5900

Conversions

Conversions Part 2

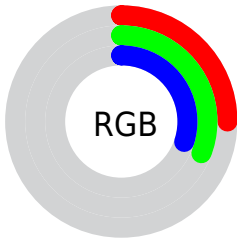
Format	Color
RYB	64, 72, 78
Decimal	4214348
CIELab	32.00, -6.00, -0.67
CIELCh	32, 6.036, 186.383
Yxy	7.0852, 0.2914, 0.3349
Android (android.graphics.Color)	4282404428 (0xFF404E4C)
YUV	73.5860, 1.1901, -8.4069
Hunter-Lab	26.6180, -5.2369, 1.0275

Details

The CIELCh color **32, 6.036, 186.383** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29, 6.513, 9.188**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 5.972, 187.592**, and **12, 6.228, 184.330** is the 20% darker color. If you saturate the color by 10%, you get **31, 9.213, 185.570**, and if you desaturate by 10%, it is **33, 2.711, 187.199**.

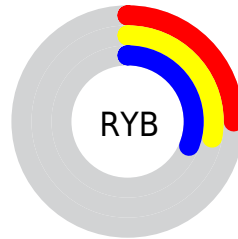
Distribution



Red (25%)

Green (31%)

Blue (30%)



Red (25%)

Yellow (28%)

Blue (31%)

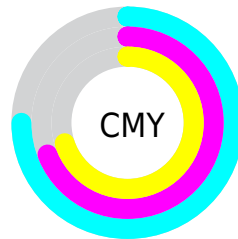


Cyan (18%)

Magenta (0%)

Yellow (3%)

Black (69%)



Cyan (75%)

Magenta (69%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 6.036, 186.383 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, 6.036, 186.383 by changing the saturation by 10% instead.

■ 32, 6.036, 186.383

■ 32, 6.036, 186.383

■ 100, 6.036,
186.383

■ 22, 6.036, 186.383

■ 52, 6.036, 186.383

■ 12, 6.036, 186.383

■ 62, 6.036, 186.383

■ 2, 6.036, 186.383

■ 72, 6.036, 186.383

■ 0, 6.036, 186.383

■ 82, 6.036, 186.383

■ 92, 6.036, 186.383

■ 32, 6.036, 186.383

■ 32, 6.036, 186.383

■ 31, 9.213, 185.570

■ 33, 2.711, 187.199

■ 31, 12.194,
184.742

■ 33, 0.721, 7.476

■ 30, 14.932,
183.879

■ 34, 4.224, 8.513

■ 35, 7.766, 9.256

■ 30, 17.381,
182.971

■ 36, 11.321, 9.965

■ 30, 19.503,
182.003

■ 37, 14.869, 10.654

■ 38, 18.394, 11.325

■ 29, 21.268,
180.962

■ 39, 21.886, 11.980

■ 29, 22.667,
179.830

■ 40, 25.336, 12.619

■ 29, 23.933,
178.728

■ 29, 24.201,
178.514

Harmonies

Complementary

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



32, 6.036, 186.383



29, 6.513, 9.188

Rectangle

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



32, 6.036, 186.383



32, 6.036, 236.383



32, 6.036, 6.383



32, 6.036, 56.383

Sweetspot

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



32, 6.037, 186.377



43, 2.140, 187.457



32, 10.346, 139.467



21, 1.441, 187.419



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



32, 6.037, 186.377



41, 9.151, 185.984



31, 4.836, 239.475



15, 1.875, 187.137



38, 29.266, 177.942



82, 53.588, 176.805

Inverse Universe

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



29, 6.513, 9.188



36, 10.095, 9.699



30, 5.242, 56.358



14, 1.943, 8.294



19, 47.540, 29.795



48, 89.817, 34.125

Previews

White Background



This preview shows how the CIELCh color 32, 6.036, 186.383 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, 6.036, 186.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

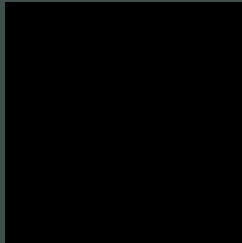
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

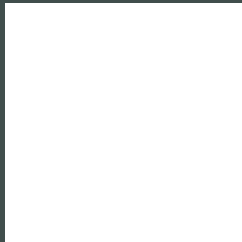
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 32, 6.036, 186.383

Background



This preview shows how black text looks on a background with the CIELCh color 32, 6.036, 186.383.



This preview shows how white text looks on a background with the CIELCh color 32, 6.036, 186.383.

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

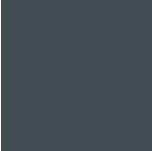
32, 6.036, 186.383

Protanopia

32, 1.075, 55.191

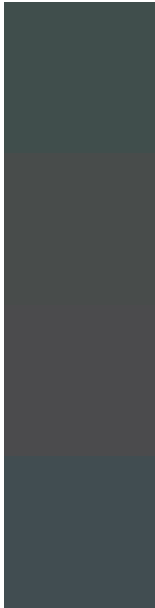
Deuteranopia

32, 4.334, 344.350



Tritanopia
32, 6.084, 237.721

Trichromacy



Original Color

32, 6.036, 186.383

Protanomaly

32, 1.847, 179.223

Deuteranomaly

32, 1.271, 290.430

Tritanomaly

32, 5.469, 226.543

Monochromacy



Original Color

32, 6.036, 186.383

Achromatopsia

31, 0.005, 296.813

Achromatomaly

32, 2.663, 185.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 6.036, 186.383 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(64, 78, 76)` looks like.

```
.text, #text, p{  
    color:rgb(64, 78, 76)  
}
```

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(64, 78, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 78, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 6.036, 186.383 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(64, 78, 76) }
```

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

```
.border{ border-color:rgb(64, 78, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 78, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 78, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 78, 76);  
box-shadow:4px 4px 4px 4px rgb(64, 78, 76)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 6.036, 186.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 78, 76) }
```

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

```
.background{ background-color: rgb(64, 78,  
76) }
```

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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