

Converting Colors

CIELCh(32, 25.241, 106.745)

Have a look what the booklet for
CIELCh(32, 25.241, 106.745)
contains.

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Color

CIELCh(32, 25.577, 106.678)

Conversions

Conversions Part 1

Format	Color
Hex	4D4E24
RGB	77, 78, 36
RGB Percent	30%, 31%, 14%
CMY	0.6995, 0.6955, 0.8602
CMYK	0.01, 0.00, 0.54, 0.70
HSL	61°, 37%, 22%
HSV	61°, 54%, 30%
XYZ	6.0426, 7.0852, 2.6911
YIQ	72.9130, 12.8860, -13.2740

Conversions

Conversions Part 2

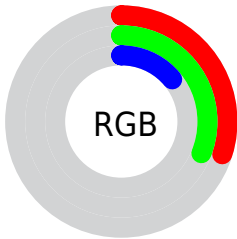
Format	Color
RYB	36, 78, 37
Decimal	5066276
CIELab	32.00, -7.34, 24.50
CIELCh	32, 25.577, 106.678
Yxy	7.0852, 0.3820, 0.4479
Android (android.graphics.Color)	4283256356 (0xFF4D4E24)
YUV	72.9130, -18.1981, 3.5843
Hunter-Lab	26.6180, -6.0598, 12.6383

Details

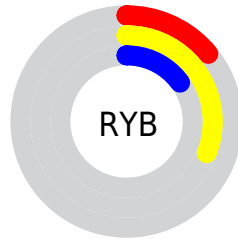
The CIELCh color **32, 25.577, 106.678** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **16, 29.249, 297.854**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 25.615, 106.898**, and **12, 19.233, 110.022** is the 20% darker color. If you saturate the color by 10%, you get **32, 29.757, 105.967**, and if you desaturate by 10%, it is **32, 21.111, 107.458**.

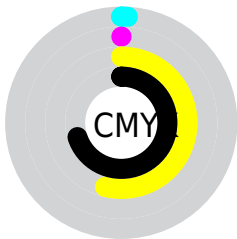
Distribution



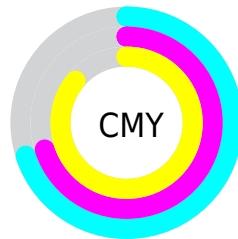
- Red (30%)
- Green (31%)
- Blue (14%)



- Red (14%)
- Yellow (31%)
- Blue (15%)



- Cyan (1%)
- Magenta (0%)
- Yellow (54%)
- Black (70%)





- Cyan (70%)
- Magenta (70%)
- Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 25.577, 106.678 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, 25.577, 106.678 by changing the saturation by 10% instead.


 32, 25.577,
106.678


 32, 25.577,
106.678

 100, 25.577,
106.678


 22, 25.577,
106.678

 52, 25.577,
106.678


 12, 25.577,
106.678


 62, 25.577,
106.678

 2, 25.577, 106.678

 72, 25.577,
106.678

 0, 25.577, 106.678

 82, 25.577,
106.678

 92, 25.577,
106.678

■ 32, 25.577,
106.678

■ 32, 25.577,
106.678

■ 32, 29.757,
105.967

■ 32, 21.111,
107.458

■ 32, 33.506,
105.348

■ 32, 16.459,
108.274

■ 32, 36.647,
104.858

■ 32, 11.691,
109.111

■ 32, 39.280,
104.471

■ 33, 6.855, 109.952

■ 32, 40.973,
104.215

■ 33, 1.983, 110.779

■ 33, 2.904, 291.624

■ 33, 7.791, 292.417

■ 34, 12.667,
293.188

■ 34, 17.524,

Harmonies

Complementary

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



32, 25.577, 106.678



16, 29.249, 297.854

Rectangle

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



32, 25.577, 106.678



32, 25.577, 156.678



32, 25.577, 286.678



32, 25.577, 336.678

Sweetspot

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



32, 25.578, 106.681



43, 9.765, 109.739



20, 21.459, 25.939



21, 6.508, 109.656



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, 25.578, 106.681



42, 37.536, 105.745



30, 27.770, 127.396



15, 2.688, 110.405



42, 49.475, 104.267



88, 89.538, 104.369

Inverse Universe

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



16, 29.249, 297.854



18, 45.044, 300.288



19, 29.753, 312.062



14, 2.739, 291.894



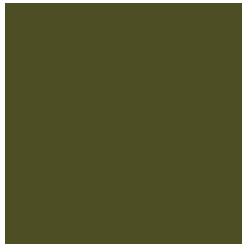
9, 68.123, 306.430



29, 123.458, 306.341

Previews

White Background



This preview shows how the CIE LCh color 32, 25.577, 106.678 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, 25.577, 106.678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

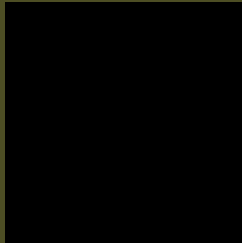
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 25.577, 106.678

Background



This preview shows how black text looks on a background with the CIELCh color 32, 25.577, 106.678.



This preview shows how white text looks on a background with the CIELCh color 32, 25.577, 106.678.

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, 25.577, 106.678

Protanopia

32, 24.928, 96.255

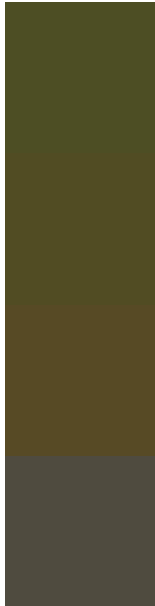
Deuteranopia

32, 24.541, 80.086



Tritanopia
32, 5.167, 332.889

Trichromacy



Original Color
32, 25.577, 106.678

Protanomaly
32, 25.226, 99.822

Deuteranomaly
32, 23.909, 89.868

Tritanomaly
32, 7.785, 95.029

Monochromacy



Original Color
32, 25.577, 106.678

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 10.091, 110.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 25.577, 106.678 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(77, 78, 36)` looks like.

```
.text, #text, p{  
    color:rgb(77, 78, 36)  
}
```

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(77, 78, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 78, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 25.577, 106.678 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(77, 78, 36) }
```

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

```
.border{ border-color:rgb(77, 78, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 78, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 78, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 78, 36);  
box-shadow:4px 4px 4px 4px rgb(77, 78, 36)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 25.577, 106.678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 78, 36) }
```

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

```
.background{ background-color: rgb(77, 78,  
36) }
```

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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