

Converting Colors

CIELCh(12, 25.711, 332.515)

Have a look what the booklet for
CIELCh(12, 25.711, 332.515)
contains.

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Color

CIELCh(12, 25.415, 332.997)

Conversions

Conversions Part 1

Format	Color
Hex	361230
RGB	54, 18, 48
RGB Percent	21%, 7%, 19%
CMY	0.7897, 0.9308, 0.8131
CMYK	0.00, 0.67, 0.11, 0.79
HSL	310°, 50%, 14%
HSV	310°, 67%, 21%
XYZ	2.2391, 1.4064, 2.9128
YIQ	32.1840, 11.8260, 16.9620

Conversions

Conversions Part 2

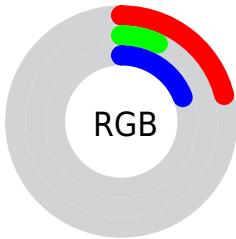
Format	Color
R_{YB}	54, 18, 48
Decimal	3543600
CIE _{Lab}	12.00, 22.64, -11.54
CIE _{LCh}	12, 25.415, 332.997
Yxy	1.4064, 0.3414, 0.2144
Android (android.graphics.Color)	4281733680 (0xFF361230)
YUV	32.1840, 7.7973, 19.1326
Hunter-Lab	11.8591, 12.9493, -6.2612

Details

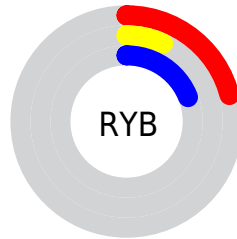
The CIELCh color **12, 25.415, 332.997** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **19, 25.676, 144.112**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **32, 25.041, 333.050**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **11, 28.291, 333.573**, and if you desaturate by 10%, it is **13, 22.101, 332.431**.

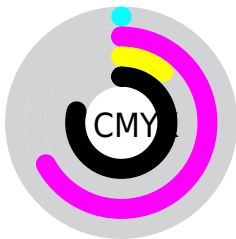
Distribution



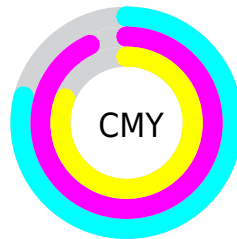
- Red (21%)
- Green (7%)
- Blue (19%)



- Red (21%)
- Yellow (7%)
- Blue (19%)



- Cyan (0%)
- Magenta (67%)
- Yellow (11%)
- Black (79%)





- Cyan (79%)
- Magenta (93%)
- Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 12, 25.415, 332.997 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 12, 25.415, 332.997 by changing the saturation by 10% instead.

 12, 25.415,
332.997


 12, 25.415,
332.997


 100, 25.415,
332.997


 2, 25.415, 332.997


 32, 25.415,
332.997

 0, 25.415, 332.997

 42, 25.415,
332.997


 52, 25.415,
332.997


 62, 25.415,
332.997


 72, 25.415,
332.997


 82, 25.415,


332.997


 92, 25.415,
332.997


 12, 25.415,
332.997

 12, 25.415,
332.997


 11, 28.291,
333.573

 13, 22.101,
332.431


 10, 30.758,
334.150

 15, 18.476,
331.872

 9, 33.438, 334.673

 16, 14.650,
331.320

 9, 34.285, 334.815

 18, 10.715,
330.775

 19, 6.742, 330.237

■ 21, 2.780, 329.693

■ 23, 1.133, 149.338

■ 25, 4.976, 148.770

■ 27, 8.733, 148.291

Harmonies

Complementary

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



12, 25.415, 332.997



19, 25.676, 144.112

Rectangle

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



12, 25.415, 332.997



12, 25.415, 22.997



12, 25.415, 152.997



12, 25.415, 202.997

Sweetspot

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



12, 25.414, 332.997



25, 9.744, 330.445



8, 26.970, 302.327



11, 6.717, 330.486



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



12, 25.414, 332.997



15, 35.199, 333.970



11, 19.594, 0.459



9, 2.260, 329.768



19, 48.532, 335.546



50, 90.455, 336.275

Inverse Universe

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



12, 25.414, 332.997



15, 35.199, 333.970



20, 17.149, 166.155



9, 2.260, 329.768



19, 48.532, 335.546



50, 90.455, 336.275

Previews

White Background



This preview shows how the CIELCh color 12, 25.415, 332.997 looks on a white background.

Color Contrast Check

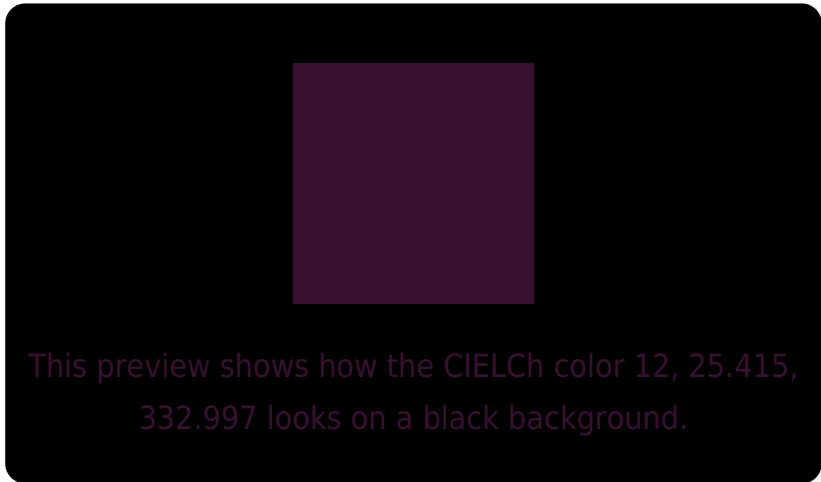
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

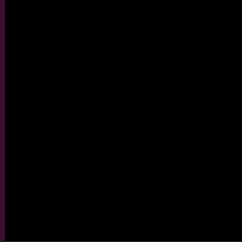
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 12, 25.415, 332.997

Background



This preview shows how black text looks on a background with the CIELCh color 12, 25.415, 332.997.



This preview shows how white text looks on a background with the CIELCh color 12, 25.415, 332.997.

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

12, 25.415, 332.997

Protanopia

13, 20.347, 283.975

Deuteranopia

13, 9.434, 285.157



Tritanopia
12, 14.527, 18.559

Trichromacy



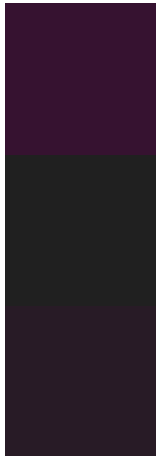
Original Color
12, 25.415, 332.997

Protanomaly
12, 21.158, 301.222

Deuteranomaly
12, 14.649, 313.302

Tritanomaly
12, 16.847, 355.269

Monochromacy



Original Color
12, 25.415, 332.997

Achromatopsia
12, 0.003, 296.813

Achromatomaly
12, 10.118, 330.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 12, 25.415, 332.997 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(54, 18, 48)` looks like.

```
.text, #text, p{  
    color:rgb(54, 18, 48)  
}
```

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(54, 18, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 18, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 12, 25.415, 332.997 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(54, 18, 48) }
```

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

```
.border{ border-color:rgb(54, 18, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 18, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 18, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 18, 48);  
box-shadow:4px 4px 4px 4px rgb(54, 18, 48)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 12, 25.415, 332.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 18, 48) }
```

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

```
.background{ background-color: rgb(54, 18,  
48) }
```

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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