

Converting Colors

CIELCh(12, 26.216, 27.456)

Have a look what the booklet for
CIELCh(12, 26.216, 27.456) contains.

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Color

CIELCh(12, 25.859, 27.602)

Conversions

Conversions Part 1

Format	Color
Hex	3E0F0F
RGB	62, 15, 15
RGB Percent	24%, 6%, 6%
CMY	0.7565, 0.9408, 0.9407
CMYK	0.00, 0.76, 0.76, 0.76
HSL	360°, 61%, 15%
HSV	360°, 76%, 24%
XYZ	2.2519, 1.4064, 0.6088
YIQ	29.0530, 28.0120, 9.9640

Conversions

Conversions Part 2

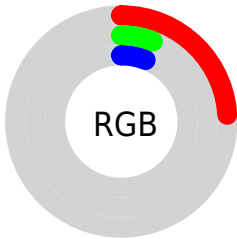
Format	Color
RYB	62, 15, 15
Decimal	4067087
CIELab	12.00, 22.92, 11.98
CIElCh	12, 25.859, 27.602
Yxy	1.4064, 0.5277, 0.3296
Android (android.graphics.Color)	4282257167 (0xFF3E0F0F)
YUV	29.0530, -6.9281, 28.8945
Hunter-Lab	11.8591, 13.1413, 5.2574

Details

The CIELCh color **12, 25.859, 27.602** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23, 15.944, 196.717**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **32, 25.889, 28.081**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **11, 28.660, 27.501**, and if you desaturate by 10%, it is **13, 22.396, 26.714**.

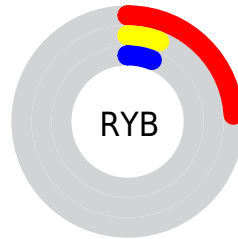
Distribution



Red (24%)

Green (6%)

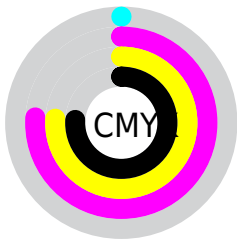
Blue (6%)



Red (24%)

Yellow (6%)

Blue (6%)

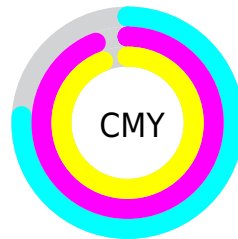


Cyan (0%)

Magenta (76%)

Yellow (76%)

Black (76%)



Cyan (76%)

Magenta (94%)

Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 12, 25.859, 27.602 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, 25.859, 27.602 by changing the saturation by 10% instead.

 12, 25.859, 27.602

 12, 25.859, 27.602

 100, 25.859,
27.602

 2, 25.859, 27.602

 32, 25.859, 27.602

 0, 25.859, 27.602

 42, 25.859, 27.602

 52, 25.859, 27.602

 62, 25.859, 27.602

 72, 25.859, 27.602

 82, 25.859, 27.602

 92, 25.859, 27.602

■ 12, 25.859, 27.602

■ 12, 25.859, 27.602

■ 11, 28.660, 27.501

■ 13, 22.396, 26.714

■ 10, 31.363, 26.903

■ 15, 18.570, 24.797

■ 9, 32.605, 26.502

■ 17, 14.825, 23.245

■ 19, 11.231, 22.015

■ 21, 7.823, 21.037

■ 23, 4.618, 20.245

■ 25, 1.618, 19.532

■ 27, 1.184, 199.389

■ 29, 3.802, 198.845

Harmonies

Complementary

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



12, 25.859, 27.602



23, 15.944, 196.717

Rectangle

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



12, 25.859, 27.602



12, 25.859, 77.602



12, 25.859, 207.602



12, 25.859, 257.602

Sweetspot

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



12, 25.858, 27.605



29, 8.745, 20.897



14, 34.963, 327.115



12, 5.979, 21.024



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



12, 25.858, 27.605



15, 38.660, 32.083



18, 21.179, 65.272



10, 1.574, 19.736



17, 47.174, 34.861



46, 94.120, 39.990

Inverse Universe

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



12, 25.858, 27.605



15, 38.660, 32.083



15, 17.273, 268.123



10, 1.574, 19.736



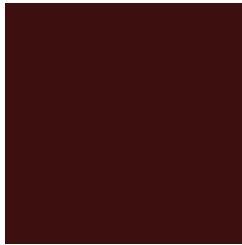
17, 47.174, 34.861



46, 94.120, 39.990

Previews

White Background



This preview shows how the CIELCh color 12, 25.859, 27.602 looks on a white background.

Color Contrast Check

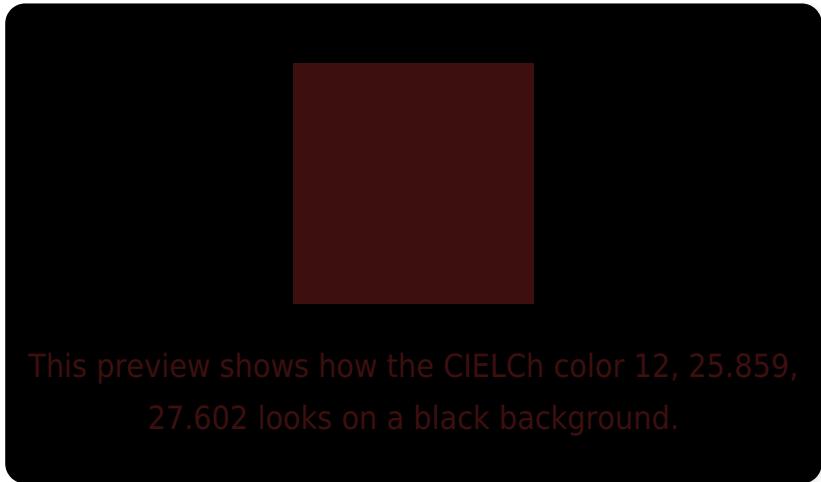
Large Text (above 18pt) WCAG AA ✓ Pass

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

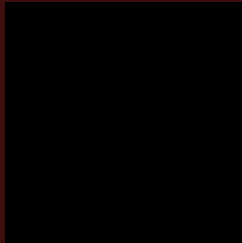
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 12, 25.859, 27.602

Background



This preview shows how black text looks on a background with the CIELCh color 12, 25.859, 27.602.

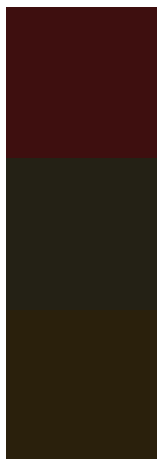


This preview shows how white text looks on a background with the CIELCh color 12, 25.859, 27.602.

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, 25.859, 27.602

Protanopia

13, 8.706, 96.664

Deuteranopia

13, 14.306, 82.995



Tritanopia
12, 25.859, 27.602

Trichromacy



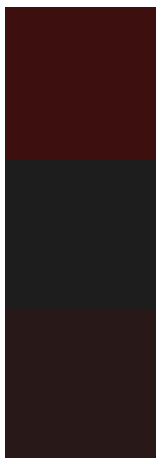
Original Color
12, 25.859, 27.602

Protanomaly
12, 12.069, 45.597

Deuteranomaly
12, 16.149, 52.279

Tritanomaly
12, 25.859, 27.602

Monochromacy



Original Color
12, 25.859, 27.602

Achromatopsia
11, 0.003, 296.813

Achromatomaly
10, 9.257, 22.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 12, 25.859, 27.602 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(62, 15, 15)` looks like.

```
.text, #text, p{  
    color:rgb(62, 15, 15)  
}
```

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(62, 15, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 15, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 12, 25.859, 27.602 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(62, 15, 15) }
```

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

```
.border{ border-color:rgb(62, 15, 15) }
```

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

Here you see how a box with a 4 pixel rgb(62, 15, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 15, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 15, 15);  
box-shadow:4px 4px 4px 4px rgb(62, 15, 15)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 12, 25.859, 27.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 15, 15) }
```

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

```
.background{ background-color: rgb(62, 15,  
15) }
```

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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