

Converting Colors

CIELCh(10, 31.295, 25.741)

Have a look what the booklet for
CIELCh(10, 31.295, 25.741) contains.

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Color

CIELCh(10, 31.393, 25.958)

Conversions

Conversions Part 1

Format	Color
Hex	3F0305
RGB	63, 3, 5
RGB Percent	25%, 1%, 2%
CMY	0.7534, 0.9886, 0.9811
CMYK	0.00, 0.95, 0.92, 0.75
HSL	358°, 91%, 13%
HSV	358°, 95%, 25%
XYZ	2.0997, 1.1260, 0.2447
YIQ	21.1680, 35.1180, 13.3420

Conversions

Conversions Part 2

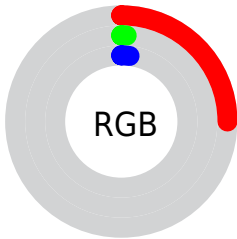
Format	Color
RYB	63, 3, 5
Decimal	4129541
CIELab	10.00, 28.23, 13.74
CIElCh	10, 31.393, 25.958
Yxy	1.1260, 0.6050, 0.3245
Android (android.graphics.Color)	4282319621 (0xFF3F0305)
YUV	21.1680, -7.9708, 36.6867
Hunter-Lab	10.6114, 16.7499, 6.0607

Details

The CIELCh color **10, 31.393, 25.958** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23, 18.353, 192.345**, and the grayscale version is **7, 0.002, 296.812**.

A 20% lighter version of the original color is **30, 31.308, 25.761**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **9, 32.714, 25.558**, and if you desaturate by 10%, it is **11, 28.701, 26.492**.

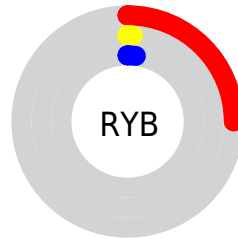
Distribution



Red (25%)

Green (1%)

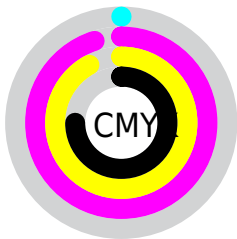
Blue (2%)



Red (25%)

Yellow (1%)

Blue (2%)

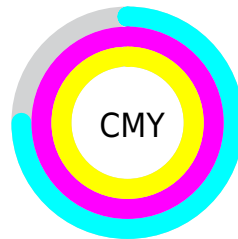


Cyan (0%)

Magenta (95%)

Yellow (92%)

Black (75%)



Cyan (75%)

Magenta (99%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 10, 31.393, 25.958 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 10, 31.393, 25.958 by changing the saturation by 10% instead.

10, 31.393, 25.958

10, 31.393, 25.958

100, 31.393,
25.958

0, 31.393, 25.958

30, 31.393, 25.958

40, 31.393, 25.958

50, 31.393, 25.958

60, 31.393, 25.958

70, 31.393, 25.958

80, 31.393, 25.958

90, 31.393, 25.958

■ 10, 31.393, 25.958

■ 10, 31.393, 25.958

■ 9, 32.714, 25.558

■ 11, 28.701, 26.492

■ 12, 25.801, 26.073

■ 14, 22.251, 24.499

■ 15, 18.476, 22.490

■ 17, 14.769, 20.882

■ 19, 11.191, 19.594

■ 21, 7.785, 18.556

■ 23, 4.569, 17.703

■ 25, 1.549, 16.921

Harmonies

Complementary

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



10, 31.393, 25.958



23, 18.353, 192.345

Rectangle

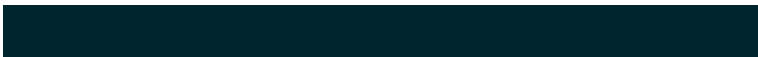
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



10, 31.393, 25.958



10, 31.393, 75.958



10, 31.393, 205.958



10, 31.393, 255.958

Sweetspot

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



10, 31.392, 25.961



27, 11.217, 19.035



12, 41.073, 326.979



11, 7.603, 19.202



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



10, 31.392, 25.961



14, 41.049, 31.212



16, 25.712, 59.329



10, 1.575, 17.167



17, 46.581, 33.617



46, 92.824, 38.972

Inverse Universe

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



10, 31.392, 25.961



14, 41.049, 31.212



13, 21.099, 272.559



10, 1.575, 17.167



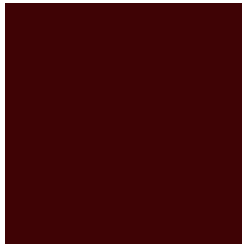
17, 46.581, 33.617



46, 92.824, 38.972

Previews

White Background



This preview shows how the CIELCh color 10, 31.393, 25.958 looks on a white background.

Color Contrast Check

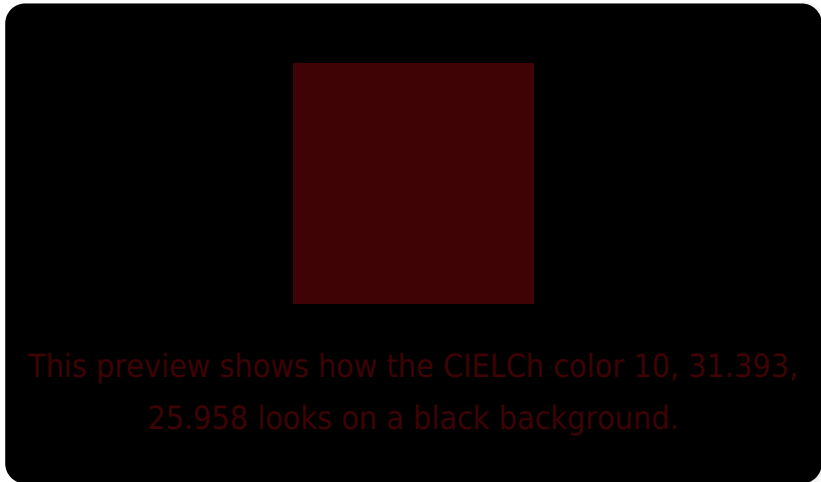
Large Text (above 18pt) WCAG AA ✓ Pass

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 10, 31.393, 25.958

Background



This preview shows how black text looks on a background with the CIELCh color 10, 31.393, 25.958.

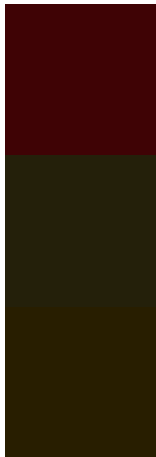


This preview shows how white text looks on a background with the CIELCh color 10, 31.393, 25.958.

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

10, 31.393, 25.958

Protanopia

12, 14.002, 97.480

Deuteranopia

12, 17.603, 87.239



Tritanopia
10, 31.207, 31.604

Trichromacy



Original Color

10, 31.393, 25.958

Protanomaly

10, 16.518, 46.703

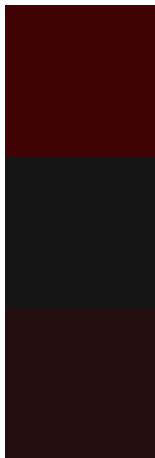
Deuteranomaly

10, 19.181, 49.113

Tritanomaly

10, 31.183, 29.505

Monochromacy



Original Color

10, 31.393, 25.958

Achromatopsia

7, 0.002, 296.812

Achromatomaly

7, 11.884, 17.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 10, 31.393, 25.958 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(63, 3, 5)` looks like.

```
.text, #text, p{  
    color:rgb(63, 3, 5)  
}
```

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(63, 3, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 3, 5) }
```

Border

The CSS property to change the border of an element to CIELCh 10, 31.393, 25.958 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(63, 3, 5) }
```

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

```
.border{ border-color:rgb(63, 3, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 3, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 3, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(63, 3, 5); box-shadow:4px  
4px 4px 4px rgb(63, 3, 5) }
```

Background

The CSS property to change the background color of an element to CIELCh 10, 31.393, 25.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 3, 5) }
```

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

```
.background{ background-color: rgb(63, 3,  
5) }
```

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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