

Converting Colors

CIELCh(15, 9.436, 356.696)

Have a look what the booklet for
CIELCh(15, 9.436, 356.696) contains.

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Color

CIELCh(15, 9.365, 355.393)

Conversions

Conversions Part 1

Format	Color
Hex	322127
RGB	50, 33, 39
RGB Percent	20%, 13%, 15%
CMY	0.8041, 0.8707, 0.8472
CMYK	0.00, 0.34, 0.22, 0.80
HSL	339°, 20%, 16%
HSV	339°, 34%, 20%
XYZ	2.2214, 1.9086, 2.1671
YIQ	38.7670, 8.2060, 5.4700

Conversions

Conversions Part 2

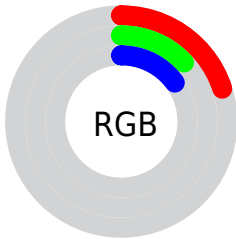
Format	Color
R _Y B	50, 33, 39
Decimal	3285287
CIE Lab	15.00, 9.33, -0.75
CIE LCh	15, 9.365, 355.393
Yxy	1.9086, 0.3528, 0.3031
Android (android.graphics.Color)	4281475367 (0xFF322127)
YUV	38.7670, 0.1149, 9.8513
Hunter-Lab	13.8151, 4.5255, 0.3701

Details

The CIELCh color **15, 9.365, 355.393** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19, 8.748, 169.628**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 9.735, 354.477**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 12.204, 356.560**, and if you desaturate by 10%, it is **17, 6.539, 354.374**.

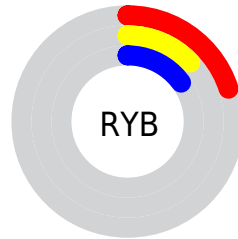
Distribution



Red (20%)

Green (13%)

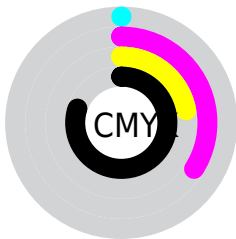
Blue (15%)



Red (20%)

Yellow (13%)

Blue (15%)

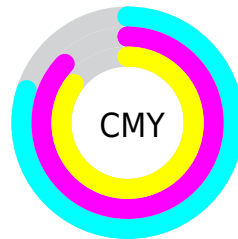


Cyan (0%)

Magenta (34%)

Yellow (22%)

Black (80%)



Cyan (80%)

Magenta (87%)

Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 9.365, 355.393 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 15, 9.365, 355.393 by changing the saturation by 10% instead.

 15, 9.365, 355.393

 15, 9.365, 355.393

 100, 9.365,
355.393

 5, 9.365, 355.393

 35, 9.365, 355.393

 0, 9.365, 355.393

 45, 9.365, 355.393

 55, 9.365, 355.393

 65, 9.365, 355.393

 75, 9.365, 355.393

 85, 9.365, 355.393

 95, 9.365, 355.393

■ 15, 9.365, 355.393

■ 15, 9.365, 355.393

■ 13, 12.204,
356.560

■ 17, 6.539, 354.374

■ 12, 15.007,
357.912

■ 18, 3.766, 353.458

■ 20, 1.065, 352.537

■ 11, 17.702,
359.507

■ 22, 1.551, 172.089

■ 9, 20.201, 1.418

■ 24, 4.076, 171.358

■ 8, 22.468, 3.577

■ 25, 6.511, 170.735

■ 7, 24.851, 4.760

■ 27, 8.858, 170.169

■ 6, 26.254, 5.087

■ 29, 11.121,
169.646

■ 31, 13.305,
169.161

Harmonies

Complementary

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



15, 9.365, 355.393



19, 8.748, 169.628

Rectangle

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



15, 9.365, 355.393



15, 9.365, 45.393



15, 9.365, 175.393



15, 9.365, 225.393

Sweetspot

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



15, 9.364, 355.396



25, 3.279, 353.149



15, 13.011, 314.810



11, 2.262, 353.176



66, 0.008, 296.813



13, 0.003, 296.813

Same Dimension

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



15, 9.364, 355.396



19, 13.942, 356.439



15, 7.868, 32.732



8, 1.497, 352.952



17, 39.439, 11.830



46, 76.090, 16.842

Inverse Universe

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



15, 9.364, 355.396



19, 13.942, 356.439



19, 6.442, 212.321



8, 1.497, 352.952



17, 39.439, 11.830



46, 76.090, 16.842

Previews

White Background



This preview shows how the CIELCh color 15, 9.365, 355.393 looks on a white background.

Color Contrast Check

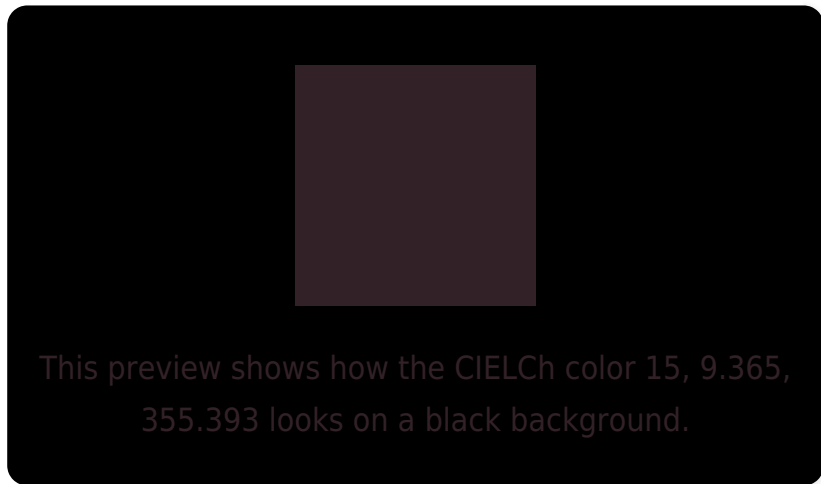
Large Text (above 18pt) WCAG AA ✓ Pass

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

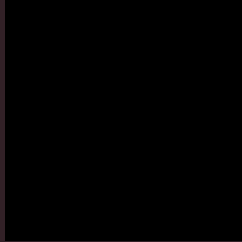
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 9.365, 355.393

Background



This preview shows how black text looks on a background with the CIELCh color 15, 9.365, 355.393.



This preview shows how white text looks on a background with the CIELCh color 15, 9.365, 355.393.

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

15, 9.365, 355.393

Protanopia

15, 2.853, 281.558

Deuteranopia

15, 2.089, 0.168



Tritanopia
15, 8.839, 8.130

Trichromacy



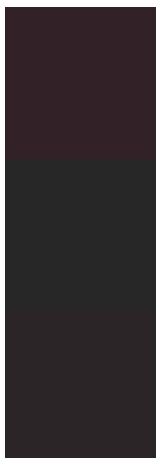
Original Color
15, 9.365, 355.393

Protanomaly
15, 4.576, 330.061

Deuteranomaly
15, 4.200, 0.933

Tritanomaly
15, 8.960, 3.718

Monochromacy



Original Color
15, 9.365, 355.393

Achromatopsia
16, 0.003, 296.813

Achromatomaly
15, 3.263, 354.711

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 15, 9.365, 355.393 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(50, 33, 39)` looks like.

```
.text, #text, p{  
    color:rgb(50, 33, 39)  
}
```

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(50, 33, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 33, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 9.365, 355.393 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(50, 33, 39) }
```

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

```
.border{ border-color:rgb(50, 33, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 33, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 33, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 33, 39);  
box-shadow:4px 4px 4px 4px rgb(50, 33, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 9.365, 355.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 33, 39) }
```

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

```
.background{ background-color: rgb(50, 33,  
39) }
```

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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