

Converting Colors

CIELCh(19, 35.761, 307.266)

Have a look what the booklet for
CIELCh(19, 35.761, 307.266)
contains.

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Color

CIELCh(19, 35.845, 307.308)

Conversions

Conversions Part 1

Format	Color
Hex	362458
RGB	54, 36, 88
RGB Percent	21%, 14%, 35%
CMY	0.7884, 0.8590, 0.6551
CMYK	0.39, 0.59, 0.00, 0.66
HSL	261°, 42%, 24%
HSV	261°, 59%, 34%
XYZ	3.9089, 2.7468, 9.5482
YIQ	47.3100, -5.9640, 19.9880

Conversions

Conversions Part 2

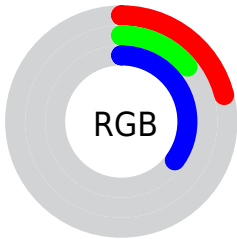
Format	Color
R_{YB}	54, 36, 88
Decimal	3548248
CIE _{Lab}	19.00, 21.73, -28.51
CIE _{LCh}	19, 35.845, 307.308
Yxy	2.7468, 0.2412, 0.1695
Android (android.graphics.Color)	4281738328 (0xFF362458)
YUV	47.3100, 20.0602, 5.8671
Hunter-Lab	16.5735, 13.0962, -22.5563

Details

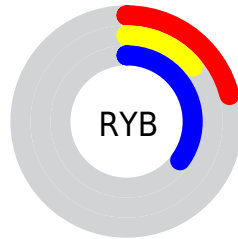
The CIELCh color **19, 35.845, 307.308** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **35, 31.983, 120.720**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 35.828, 307.420**, and **2, 26.821, 299.546** is the 20% darker color. If you saturate the color by 10%, you get **16, 42.068, 308.028**, and if you desaturate by 10%, it is **22, 29.507, 306.563**.

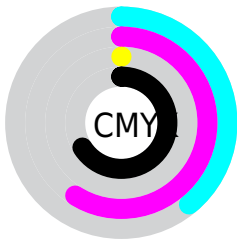
Distribution



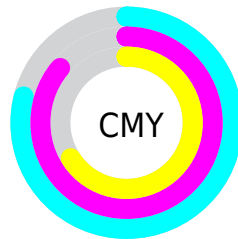
- Red (21%)
- Green (14%)
- Blue (35%)



- Red (21%)
- Yellow (14%)
- Blue (35%)



- Cyan (39%)
- Magenta (59%)
- Yellow (0%)
- Black (66%)



- Cyan (79%)
- Magenta (86%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 35.845, 307.308 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 19, 35.845, 307.308 by changing the saturation by 10% instead.

■ 19, 35.845,
307.308

■ 19, 35.845,
307.308

■ 100, 35.845,
307.308

■ 9, 35.845, 307.308

■ 39, 35.845,
307.308

■ 0, 35.845, 307.308

■ 49, 35.845,
307.308

■ 59, 35.845,
307.308

■ 69, 35.845,
307.308

■ 79, 35.845,
307.308

■ 89, 35.845,

307.308

99, 35.845,
307.308

19, 35.845,
307.308

19, 35.845,
307.308

16, 42.068,
308.028

22, 29.507,
306.563

14, 47.922,
308.646

25, 23.208,
305.839

11, 53.021,
309.057

28, 17.029,
305.159

9, 58.214, 309.663

31, 11.010,
304.536

9, 58.734, 309.747

35, 5.169, 303.973

■ 38, 0.491, 123.554

■ 41, 5.972, 123.046

■ 44, 11.281,
122.655

■ 47, 16.426,
122.314

Harmonies

Complementary

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



19, 35.845, 307.308



35, 31.983, 120.720

Rectangle

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



19, 35.845, 307.308



19, 35.845, 357.308



19, 35.845, 127.308



19, 35.845, 177.308

Sweetspot

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



19, 35.845, 307.308



41, 12.902, 304.506



28, 15.709, 244.135



20, 9.064, 304.624



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



19, 35.845, 307.308



21, 53.769, 308.308



22, 37.164, 322.094



16, 3.135, 303.954



12, 67.603, 309.485



33, 121.137, 308.827

Inverse Universe

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



23, 30.289, 340.896



28, 43.196, 342.513



33, 36.643, 136.403



16, 2.889, 336.743



22, 47.885, 347.099



52, 84.058, 348.846

Previews

White Background



This preview shows how the CIE LCh color 19, 35.845, 307.308 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 CIE LCh color 19, 35.845, 307.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

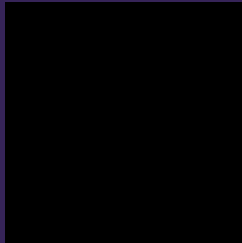
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 35.845, 307.308

Background



This preview shows how black text looks on a background with the CIELCh color 19, 35.845, 307.308.



This preview shows how white text looks on a background with the CIELCh color 19, 35.845, 307.308.

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

19, 35.845, 307.308

Protanopia

19, 34.603, 283.416

Deuteranopia

19, 26.599, 273.182



Tritanopia
19, 2.744, 290.856

Trichromacy



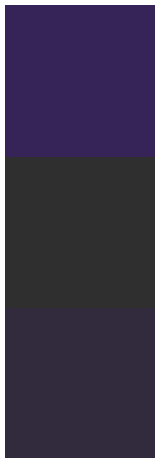
Original Color
19, 35.845, 307.308

Protanomaly
18, 34.389, 288.942

Deuteranomaly
18, 29.150, 284.802

Tritanomaly
19, 15.472, 304.458

Monochromacy



Original Color
19, 35.845, 307.308

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 13.434, 305.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 35.845, 307.308 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, 36, 88)` looks like.

```
.text, #text, p{  
    color:rgb(54, 36, 88)  
}
```

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, 36, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 36, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 35.845, 307.308 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, 36, 88) }
```

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

```
.border{ border-color:rgb(54, 36, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 36, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 36, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 36, 88);  
box-shadow:4px 4px 4px 4px rgb(54, 36, 88)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 35.845, 307.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 36, 88) }
```

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

```
.background{ background-color: rgb(54, 36,  
88) }
```

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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