

Converting Colors

CIELCh(36, 31.559, 307.219)

Have a look what the booklet for
CIELCh(36, 31.559, 307.219)
contains.

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Color

CIELCh(36, 31.265, 307.308)

Conversions

Conversions Part 1

Format	Color
Hex	5F4C7D
RGB	95, 76, 125
RGB Percent	37%, 30%, 49%
CMY	0.6288, 0.7033, 0.5112
CMYK	0.24, 0.39, 0.00, 0.51
HSL	263°, 24%, 39%
HSV	263°, 39%, 49%
XYZ	10.9224, 9.0082, 20.4432
YIQ	87.2670, -4.4050, 19.2670

Conversions

Conversions Part 2

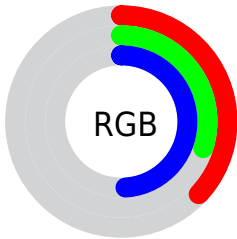
Format	Color
RYB	95, 76, 125
Decimal	6245501
CIELab	36.00, 18.95, -24.87
CIElCh	36, 31.265, 307.308
Yxy	9.0082, 0.2705, 0.2231
Android (android.graphics.Color)	4284435581 (0xFF5F4C7D)
YUV	87.2670, 18.6024, 6.7818
Hunter-Lab	30.0136, 12.4349, -19.3747

Details

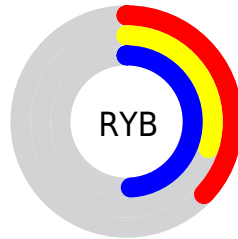
The CIELCh color **36, 31.265, 307.308** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **50, 29.200, 123.115**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 31.376, 307.034**, and **16, 31.789, 307.495** is the 20% darker color. If you saturate the color by 10%, you get **32, 39.655, 307.992**, and if you desaturate by 10%, it is **40, 22.993, 306.654**.

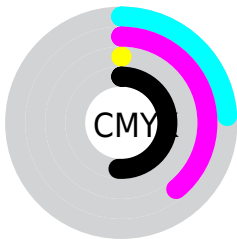
Distribution



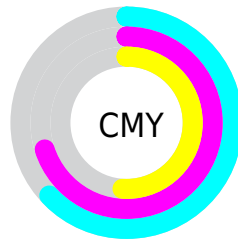
- Red (37%)
- Green (30%)
- Blue (49%)



- Red (37%)
- Yellow (30%)
- Blue (49%)



- Cyan (24%)
- Magenta (39%)
- Yellow (0%)
- Black (51%)





- Cyan (63%)
- Magenta (70%)
- Yellow (51%)
- Black (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 31.265, 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 36, 31.265, 307.308 by changing the saturation by 10% instead.


 36, 31.265,
307.308


 36, 31.265,
307.308

 100, 31.265,
307.308


 26, 31.265,
307.308

 56, 31.265,
307.308


 16, 31.265,
307.308


 66, 31.265,
307.308

 6, 31.265, 307.308

 76, 31.265,
307.308

 0, 31.265, 307.308

 86, 31.265,
307.308

 96, 31.265,
307.308

■ 36, 31.265,
307.308

■ 36, 31.265,
307.308

■ 32, 39.655,
307.992

■ 40, 22.993,
306.654

■ 28, 48.019,
308.674

■ 44, 14.919,
306.049

■ 24, 56.097,
309.294

■ 48, 7.075, 305.498

■ 21, 63.466,
309.762

■ 53, 0.525, 125.124

■ 57, 7.883, 124.590

■ 18, 69.540,
309.955

■ 61, 15.006,
124.206

■ 16, 74.498,
309.989

■ 65, 21.903,
123.873

■ 16, 74.876,
310.006

■ 69, 28.586,
123.583

■ 73, 35.067,
123.332

Harmonies

Complementary

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



36, 31.265, 307.308



50, 29.200, 123.115

Rectangle

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



36, 31.265, 307.308



36, 31.265, 357.308



36, 31.265, 127.308



36, 31.265, 177.308

Sweetspot

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



36, 31.264, 307.308



61, 11.447, 305.658



43, 15.102, 247.328



31, 7.566, 305.712



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



36, 31.264, 307.308



43, 47.091, 307.914



39, 33.885, 323.004



24, 4.225, 305.485



16, 75.014, 310.003



37, 127.083, 309.448

Inverse Universe

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



39, 26.819, 341.223



47, 39.647, 342.121



48, 33.617, 138.904



24, 3.753, 338.661



26, 52.134, 350.772



55, 86.921, 352.472

Previews

White Background



This preview shows how the CIELCh color 36, 31.265, 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 36, 31.265, 307.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

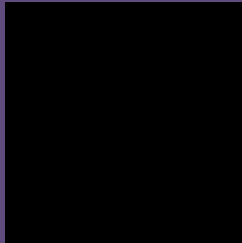
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 31.265, 307.308

Background



This preview shows how black text looks on a background with the CIELCh color 36, 31.265, 307.308.



This preview shows how white text looks on a background with the CIELCh color 36, 31.265, 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


36, 31.265, 307.308

Protanopia

36, 29.934, 285.744

Deuteranopia

36, 24.497, 282.261



Tritanopia
36, 4.856, 316.462

Trichromacy



Original Color
36, 31.265, 307.308

Protanomaly
36, 30.440, 293.714

Deuteranomaly
36, 26.717, 292.216

Tritanomaly
36, 14.930, 307.828

Monochromacy



Original Color
36, 31.265, 307.308

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 11.564, 305.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 31.265, 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(95, 76, 125)` looks like.

```
.text, #text, p{  
    color:rgb(95, 76, 125)  
}
```

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(95, 76, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 76, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 31.265, 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(95, 76, 125) }
```

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

```
.border{ border-color:rgb(95, 76, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 76, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 76, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 76, 125);  
box-shadow:4px 4px 4px 4px rgb(95, 76,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 31.265, 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(95, 76, 125) }
```

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

```
.background{ background-color: rgb(95, 76,  
125) }
```

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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