

Converting Colors

CIELCh(36, 124.384, 305.453)

Have a look what the booklet for
CIELCh(36, 124.384, 305.453)
contains.

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Color

CIELCh(36, 124.167, 305.436)

Conversions

Conversions Part 1

Format	Color
Hex	3023FE
RGB	48, 35, 254
RGB Percent	19%, 14%, 100%
CMY	0.8107, 0.8623, 0.0034
CMYK	0.81, 0.86, 0.00, 0.00
HSL	244°, 99%, 57%
HSV	244°, 86%, 100%
XYZ	19.7457, 9.0082, 94.5703
YIQ	63.8530, -62.5510, 70.8650

Conversions

Conversions Part 2

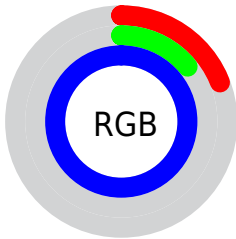
Format	Color
R _Y B	48, 35, 254
Decimal	3154942
CIE Lab	36.00, 71.99, -101.17
CIE LCh	36, 124.167, 305.436
Yxy	9.0082, 0.1601, 0.0730
Android (android.graphics.Color)	4281345022 (0xFF3023FE)
YUV	63.8530, 93.7425, -13.9031
Hunter-Lab	30.0136, 64.9097, -165.8083

Details

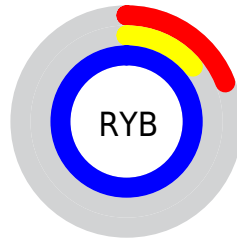
The CIELCh color **36, 124.167, 305.436** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **96, 93.180, 106.491**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 94.323, 306.068**, and **23, 109.353, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **33, 131.482, 306.227**, and if you desaturate by 10%, it is **41, 112.032, 303.977**.

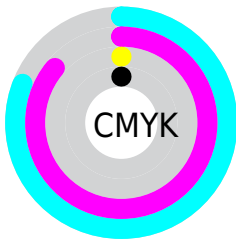
Distribution



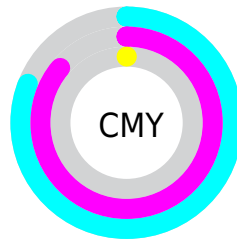
- Red (19%)
- Green (14%)
- Blue (100%)



- Red (19%)
- Yellow (14%)
- Blue (100%)



- Cyan (81%)
- Magenta (86%)
- Yellow (0%)
- Black (0%)



- Cyan (81%)
- Magenta (86%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 124.167, 305.436 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, 124.167, 305.436 by changing the saturation by 10% instead.


 36, 124.167,
305.436

 36, 124.167,
305.436


 100, 124.167,
305.436


 26, 124.167,
305.436


 56, 124.167,
305.436

 16, 124.167,
305.436

 66, 124.167,
305.436

 6, 124.167,
305.436

 76, 124.167,
305.436

 0, 124.167,
305.436

 86, 124.167,
305.436

 96, 124.167,
305.436

■ 36, 124.167,
305.436

■ 36, 124.167,
305.436

■ 33, 131.482,
306.227

■ 41, 112.032,
303.977

■ 32, 133.195,
306.412

■ 47, 97.186,
302.142

■ 55, 81.409,
300.225

■ 62, 65.674,
298.409

■ 70, 50.395,
296.780

■ 79, 35.702,
295.361

■ 87, 21.611,
294.144

■ 95, 8.095, 293.111

100, 0.431,
109.966

Harmonies

Complementary

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



36, 124.167, 305.436



96, 93.180, 106.491

Rectangle

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



36, 124.167, 305.436



36, 124.167, 355.436



36, 124.167, 125.436



36, 124.167, 175.436

Sweetspot

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



36, 124.169, 305.437



79, 35.542, 295.338



88, 45.976, 203.850



39, 24.270, 295.805



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



36, 124.169, 305.437



33, 133.542, 306.412



46, 116.253, 313.725



49, 7.514, 293.435



23, 107.480, 306.458



4, 44.271, 302.959

Inverse Universe

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



60, 106.940, 330.410



59, 110.145, 330.830



90, 104.721, 128.520



50, 8.694, 326.613



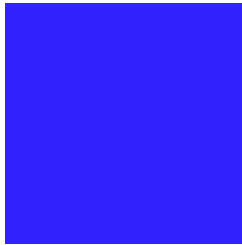
45, 88.788, 330.783



12, 41.080, 330.458

Previews

White Background



This preview shows how the CIELCh color 36, 124.167, 305.436 looks on a white background.

Color Contrast Check

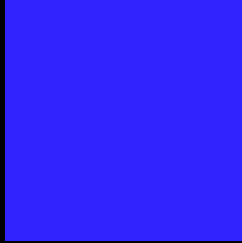
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 36, 124.167, 305.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

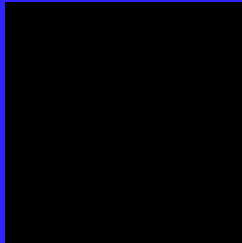
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 124.167, 305.436

Background



This preview shows how black text looks on a background with the CIELCh color 36, 124.167, 305.436.



This preview shows how white text looks on a background with the CIELCh color 36, 124.167, 305.436.

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, 124.167, 305.436

Protanopia

36, 55.500, 286.004

Deuteranopia

35, 38.102, 271.635



Tritanopia
35, 23.320, 204.331

Trichromacy



Original Color
36, 124.167, 305.436

Protanomaly
34, 84.045, 298.081

Deuteranomaly
33, 72.625, 295.406

Tritanomaly
32, 52.491, 287.882

Monochromacy



Original Color
36, 124.167, 305.436

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 51.545, 300.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 124.167, 305.436 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(48, 35, 254)` looks like.

```
.text, #text, p{  
    color:rgb(48, 35, 254)  
}
```

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(48, 35, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 35, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 124.167, 305.436 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(48, 35, 254) }
```

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

```
.border{ border-color:rgb(48, 35, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 35, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 35, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 35, 254);  
box-shadow:4px 4px 4px 4px rgb(48, 35,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 124.167, 305.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 35, 254) }
```

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

```
.background{ background-color: rgb(48, 35,  
254) }
```

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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