

Converting Colors

CIELCh(30, 90.952, 304.149)

Have a look what the booklet for
CIELCh(30, 90.952, 304.149)
contains.

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Color

CIELCh(30, 91.362, 304.246)

Conversions

Conversions Part 1

Format	Color
Hex	352AC0
RGB	53, 42, 192
RGB Percent	21%, 16%, 75%
CMY	0.7915, 0.8349, 0.2466
CMYK	0.72, 0.78, 0.00, 0.25
HSL	244°, 64%, 46%
HSV	244°, 78%, 75%
XYZ	11.8367, 6.2359, 50.5195
YIQ	62.3890, -41.5940, 48.9820

Conversions

Conversions Part 2

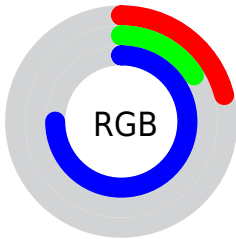
Format	Color
R _{YB}	53, 42, 192
Decimal	3484352
CIE _{Lab}	30.00, 51.41, -75.52
CIE _{LCh}	30, 91.362, 304.246
Yxy	6.2359, 0.1726, 0.0909
Android (android.graphics.Color)	4281674432 (0xFF352AC0)
YUV	62.3890, 63.8982, -8.2342
Hunter-Lab	24.9718, 40.9087, -102.4672

Details

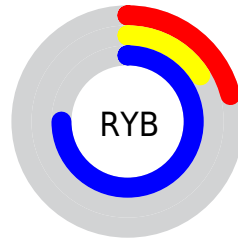
The CIELCh color **30, 91.362, 304.246** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **75, 71.205, 107.402**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 91.438, 304.285**, and **14, 84.316, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **26, 100.856, 305.592**, and if you desaturate by 10%, it is **35, 79.666, 302.529**.

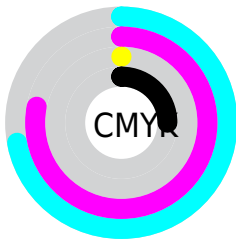
Distribution



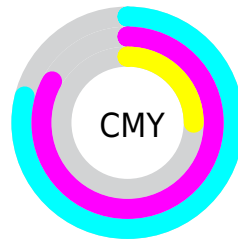
- Red (21%)
- Green (16%)
- Blue (75%)



- Red (21%)
- Yellow (16%)
- Blue (75%)



- Cyan (72%)
- Magenta (78%)
- Yellow (0%)
- Black (25%)





- Cyan (79%)
- Magenta (83%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 91.362, 304.246 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 30, 91.362, 304.246 by changing the saturation by 10% instead.


 30, 91.362,
304.246


 30, 91.362,
304.246

 100, 91.362,
304.246


 20, 91.362,
304.246


 50, 91.362,
304.246


 10, 91.362,
304.246

 60, 91.362,
304.246

 0, 91.362, 304.246

 70, 91.362,
304.246

 80, 91.362,
304.246

 90, 91.362,
304.246

■ 30, 91.362,
304.246

■ 30, 91.362,
304.246

■ 26, 100.856,
305.592

■ 35, 79.666,
302.529

■ 24, 106.806,
306.357

■ 41, 67.153,
300.710

■ 23, 107.768,
306.502

■ 47, 54.612,
298.970

■ 53, 42.395,
297.395

■ 60, 30.624,
296.014

■ 66, 19.322,
294.822

■ 73, 8.472, 293.803

■ 79, 1.954, 112.908

■ 85, 11.985,
112.178

Harmonies

Complementary

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



30, 91.362, 304.246



75, 71.205, 107.402

Rectangle

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



30, 91.362, 304.246



30, 91.362, 354.246



30, 91.362, 124.246



30, 91.362, 174.246

Sweetspot

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



30, 91.363, 304.247



80, 30.747, 295.429



68, 35.438, 205.811



40, 21.437, 295.877



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



30, 91.363, 304.247



33, 128.562, 306.182



38, 87.218, 314.353



37, 5.996, 293.925



19, 94.323, 306.547



1, 19.507, 293.133

Inverse Universe

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



47, 81.808, 330.600



59, 106.591, 331.258



70, 79.608, 128.599



38, 6.870, 326.998



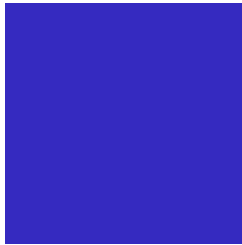
37, 77.248, 331.372



4, 22.610, 328.933

Previews

White Background



This preview shows how the CIE LCh color 30, 91.362, 304.246 looks on a white background.

Color Contrast Check

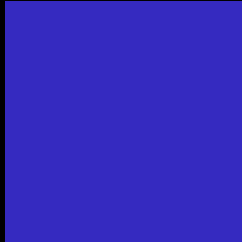
Large Text (above 18pt) WCAG AA ✓ Pass

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 30, 91.362, 304.246 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 30, 91.362, 304.246

Background



This preview shows how black text looks on a background with the CIELCh color 30, 91.362, 304.246.



This preview shows how white text looks on a background with the CIELCh color 30, 91.362, 304.246.

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


30, 91.362, 304.246

Protanopia

30, 48.264, 285.405

Deuteranopia

30, 33.304, 270.594



Tritanopia
30, 20.606, 205.662

Trichromacy



Original Color
30, 91.362, 304.246

Protanomaly
29, 64.780, 295.156

Deuteranomaly
29, 54.468, 291.325

Tritanomaly
28, 38.105, 281.669

Monochromacy



Original Color
30, 91.362, 304.246

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 35.955, 298.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 91.362, 304.246 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(53, 42, 192)` looks like.

```
.text, #text, p{  
    color:rgb(53, 42, 192)  
}
```

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(53, 42, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 42, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 91.362, 304.246 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(53, 42, 192) }
```

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

```
.border{ border-color:rgb(53, 42, 192) }
```

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

Here you see how a box with a 4 pixel rgb(53, 42, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 42, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 42, 192);  
box-shadow:4px 4px 4px 4px rgb(53, 42,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 91.362, 304.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 42, 192) }
```

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

```
.background{ background-color: rgb(53, 42,  
192) }
```

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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