

Converting Colors

CIELCh(30, 15.009, 324.187)

Have a look what the booklet for
CIELCh(30, 15.009, 324.187)
contains.

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Color

CIELCh(30, 14.363, 324.078)

Conversions

Conversions Part 1

Format	Color
Hex	534154
RGB	83, 65, 84
RGB Percent	33%, 25%, 33%
CMY	0.6751, 0.7456, 0.6711
CMYK	0.01, 0.23, 0.00, 0.67
HSL	297°, 13%, 29%
HSV	297°, 23%, 33%
XYZ	7.0325, 6.2359, 9.1921
YIQ	72.5480, 4.6290, 9.7250

Conversions

Conversions Part 2

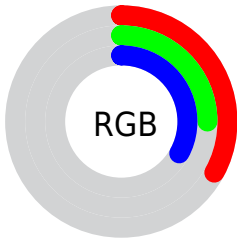
Format	Color
R_{YB}	83, 65, 84
Decimal	5456212
CIE Lab	30.00, 11.63, -8.43
CIE LCh	30, 14.363, 324.078
Yxy	6.2359, 0.3131, 0.2776
Android (android.graphics.Color)	4283646292 (0xFF534154)
YUV	72.5480, 5.6458, 9.1664
Hunter-Lab	24.9718, 6.5682, -4.3444

Details

The CIELCh color **30, 14.363, 324.078** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34, 14.323, 141.792**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 14.612, 323.932**, and **10, 14.479, 324.570** is the 20% darker color. If you saturate the color by 10%, you get **28, 20.699, 324.539**, and if you desaturate by 10%, it is **32, 7.990, 323.603**.

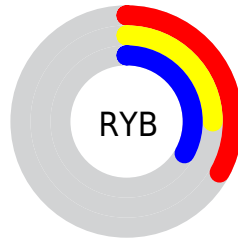
Distribution



 Red (33%)

 Green (25%)

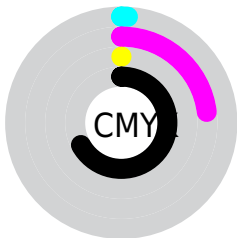
 Blue (33%)




 Red (33%)

 Yellow (25%)

 Blue (33%)

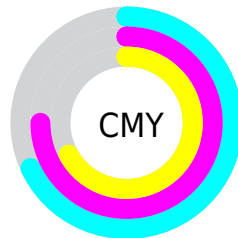


 Cyan (1%)

 Magenta (23%)

 Yellow (0%)

 Black (67%)



 Cyan (68%)


 Magenta (75%)


 Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 14.363, 324.078 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, 14.363, 324.078 by changing the saturation by 10% instead.


 30, 14.363,
324.078


 30, 14.363,
324.078

 100, 14.363,
324.078


 20, 14.363,
324.078


 50, 14.363,
324.078


 10, 14.363,
324.078

 60, 14.363,
324.078

 0, 14.363, 324.078

 70, 14.363,
324.078

 80, 14.363,
324.078

 90, 14.363,
324.078

■ 30, 14.363,
324.078

■ 30, 14.363,
324.078

■ 28, 20.699,
324.539

■ 32, 7.990, 323.603

■ 25, 26.887,
324.975

■ 35, 1.665, 323.072

■ 23, 32.773,
325.372

■ 38, 4.559, 142.720

■ 22, 38.170,
325.715

■ 40, 10.648,
142.257

■ 20, 42.864,
325.984

■ 43, 16.582,
141.824

■ 19, 46.650,
326.164

■ 45, 22.352,
141.414


■ 18, 49.510,
326.256

■ 48, 27.955,
141.028

■ 17, 51.604,

■ 51, 33.394,
140.665

326.328

 54, 38.673,
140.326

Harmonies

Complementary

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



30, 14.363, 324.078



34, 14.323, 141.792

Rectangle

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



30, 14.363, 324.078



30, 14.363, 14.078



30, 14.363, 144.078



30, 14.363, 194.078

Sweetspot

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



30, 14.362, 324.078



44, 5.500, 323.337



29, 11.455, 289.821



22, 3.603, 323.348



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



30, 14.362, 324.078



38, 21.373, 324.324



30, 10.813, 341.909



15, 3.443, 323.409



23, 60.164, 326.273



53, 107.919, 326.138

Inverse Universe

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



30, 8.775, 16.767



37, 13.272, 17.318



34, 10.616, 158.501



15, 2.022, 15.531



20, 50.442, 34.183



49, 95.302, 38.401

Previews

White Background



This preview shows how the CIE LCh color 30, 14.363, 324.078 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, 14.363, 324.078 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, 14.363, 324.078

Background



This preview shows how black text looks on a background with the CIELCh color 30, 14.363, 324.078.



This preview shows how white text looks on a background with the CIELCh color 30, 14.363, 324.078.

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, 14.363, 324.078

Protanopia

30, 10.925, 285.923

Deuteranopia

30, 9.087, 299.658



Tritanopia
30, 7.017, 353.614

Trichromacy



Original Color
30, 14.363, 324.078

Protanomaly
30, 11.769, 302.230

Deuteranomaly
30, 10.987, 311.987

Tritanomaly
30, 9.497, 338.815

Monochromacy



Original Color
30, 14.363, 324.078

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 5.439, 324.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 14.363, 324.078 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(83, 65, 84)` looks like.

```
.text, #text, p{  
    color:rgb(83, 65, 84)  
}
```

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(83, 65, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 65, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 14.363, 324.078 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(83, 65, 84) }
```

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

```
.border{ border-color:rgb(83, 65, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 65, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 65, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 65, 84);  
box-shadow:4px 4px 4px 4px rgb(83, 65, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 14.363, 324.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 65, 84) }
```

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

```
.background{ background-color: rgb(83, 65,  
84) }
```

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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