

Converting Colors

CIELCh(30, 65.977, 326.502)

Have a look what the booklet for
CIELCh(30, 65.977, 326.502)
contains.

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Color

CIELCh(30, 65.801, 326.482)

Conversions

Conversions Part 1

Format	Color
Hex	7B1280
RGB	123, 18, 128
RGB Percent	48%, 7%, 50%
CMY	0.5168, 0.9280, 0.4972
CMYK	0.04, 0.86, 0.00, 0.50
HSL	297°, 75%, 29%
HSV	297°, 86%, 50%
XYZ	12.3335, 6.2359, 21.0503
YIQ	61.9350, 27.2700, 56.4700

Conversions

Conversions Part 2

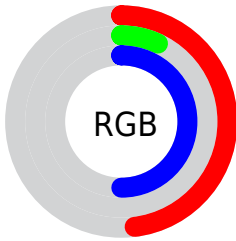
Format	Color
R_{YB}	123, 18, 128
Decimal	8065664
CIE _{Lab}	30.00, 54.86, -36.34
CIE _{LCh}	30, 65.801, 326.482
Yxy	6.2359, 0.3113, 0.1574
Android (android.graphics.Color)	4286255744 (0xFF7B1280)
YUV	61.9350, 32.5700, 53.5540
Hunter-Lab	24.9718, 44.4597, -32.4989

Details

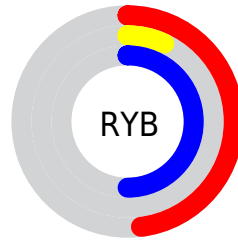
The CIELCh color **30, 65.801, 326.482** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **47, 67.242, 136.485**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 65.678, 326.707**, and **15, 49.292, 324.601** is the 20% darker color. If you saturate the color by 10%, you get **29, 68.517, 326.502**, and if you desaturate by 10%, it is **31, 61.531, 326.357**.

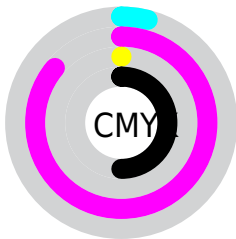
Distribution



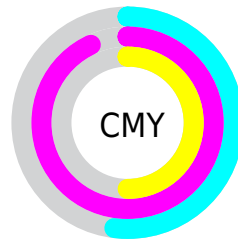
- Red (48%)
- Green (7%)
- Blue (50%)



- Red (48%)
- Yellow (7%)
- Blue (50%)



- Cyan (4%)
- Magenta (86%)
- Yellow (0%)
- Black (50%)





- Cyan (52%)
- Magenta (93%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 65.801, 326.482 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, 65.801, 326.482 by changing the saturation by 10% instead.


 30, 65.801,
326.482


 30, 65.801,
326.482

 100, 65.801,
326.482


 20, 65.801,
326.482


 50, 65.801,
326.482


 10, 65.801,
326.482

 60, 65.801,
326.482

 0, 65.801, 326.482

 70, 65.801,
326.482

 80, 65.801,
326.482

 90, 65.801,
326.482

■ 30, 65.801,
326.482

■ 30, 65.801,
326.482

■ 29, 68.517,
326.502

■ 31, 61.531,
326.357

■ 29, 69.565,
326.504

■ 33, 55.729,
326.127

■ 36, 48.670,
325.806

■ 38, 40.684,
325.413

■ 41, 32.092,
324.969

■ 45, 23.166,
324.491

■ 48, 14.115,
323.992

■ 52, 5.088, 323.472

Harmonies

Complementary

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



30, 65.801, 326.482



47, 67.242, 136.485

Rectangle

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



30, 65.801, 326.482



30, 65.801, 16.482



30, 65.801, 146.482



30, 65.801, 196.482

Sweetspot

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



30, 65.799, 326.482



57, 28.926, 324.535



17, 68.986, 303.098



28, 19.754, 324.675



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



30, 65.799, 326.482



38, 83.904, 326.464



28, 49.413, 352.112



25, 5.030, 323.655



29, 69.285, 326.505



0, 0.000, 0.000

Inverse Universe

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



27, 53.074, 32.140



34, 73.713, 37.958



47, 49.975, 150.366



25, 2.953, 16.193



25, 59.772, 36.538



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 30, 65.801, 326.482 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, 65.801, 326.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

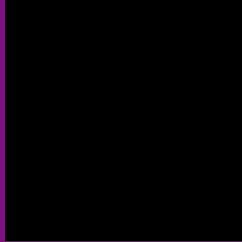
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 65.801, 326.482

Background



This preview shows how black text looks on a background with the CIELCh color 30, 65.801, 326.482.



This preview shows how white text looks on a background with the CIELCh color 30, 65.801, 326.482.

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





Tritanopia
30, 30.142, 20.995

Trichromacy



Original Color
30, 65.801, 326.482

Protanomaly
26, 57.977, 298.870

Deuteranomaly
28, 46.025, 304.397

Tritanomaly
29, 39.333, 348.736

Monochromacy



Original Color
30, 65.801, 326.482

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 29.832, 325.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 65.801, 326.482 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(123, 18, 128)` looks like.

```
.text, #text, p{  
    color:rgb(123, 18, 128)  
}
```

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(123, 18, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 18, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 65.801, 326.482 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(123, 18, 128) }
```

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

```
.border{ border-color:rgb(123, 18, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 18, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 18, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 18, 128);  
box-shadow:4px 4px 4px 4px rgb(123, 18,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 65.801, 326.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 18, 128) }
```

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

```
.background{ background-color: rgb(123, 18,  
128) }
```

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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