

Converting Colors

CIELCh(11, 31.593, 296.122)

Have a look what the booklet for
CIELCh(11, 31.593, 296.122)
contains.

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Color

CIELCh(11, 31.875, 296.174)

Conversions

Conversions Part 1

Format	Color
Hex	131945
RGB	19, 25, 69
RGB Percent	7%, 10%, 27%
CMY	0.9257, 0.9021, 0.7296
CMYK	0.73, 0.64, 0.00, 0.73
HSL	233°, 57%, 17%
HSV	233°, 73%, 27%
XYZ	1.6875, 1.2610, 5.7783
YIQ	28.2220, -17.7000, 12.4120

Conversions

Conversions Part 2

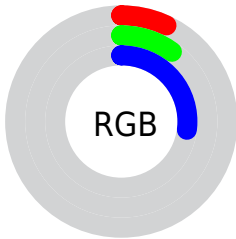
Format	Color
R_YB	19, 24, 69
Decimal	1251653
CIE _{Lab}	11.00, 14.06, -28.61
CIE _{LCh}	11, 31.875, 296.174
Yxy	1.2610, 0.1934, 0.1445
Android (android.graphics.Color)	4279441733 (0xFF131945)
YUV	28.2220, 20.1036, -8.0877
Hunter-Lab	11.2295, 7.1731, -22.6480

Details

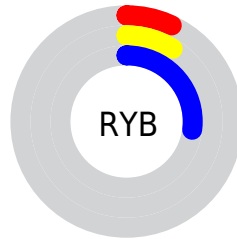
The CIELCh color **11, 31.875, 296.174** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **26, 27.258, 97.822**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **31, 31.822, 296.198**, and **1, 12.512, 288.908** is the 20% darker color. If you saturate the color by 10%, you get **9, 36.773, 298.517**, and if you desaturate by 10%, it is **13, 27.032, 293.964**.

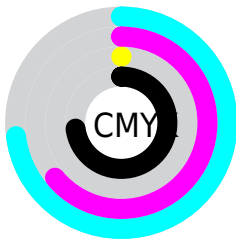
Distribution



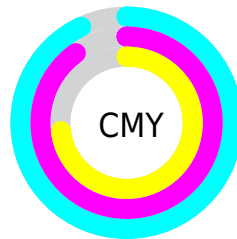
- Red (7%)
- Green (10%)
- Blue (27%)



- Red (7%)
- Yellow (9%)
- Blue (27%)



- Cyan (73%)
- Magenta (64%)
- Yellow (0%)
- Black (73%)



- Cyan (93%)
- Magenta (90%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 31.875, 296.174 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 11, 31.875, 296.174 by changing the saturation by 10% instead.

■ 11, 31.875,
296.174

■ 11, 31.875,
296.174

■ 100, 31.875,
296.174

■ 1, 31.875, 296.174

■ 31, 31.875,
296.174

■ 0, 31.875, 296.174

■ 41, 31.875,
296.174

■ 51, 31.875,
296.174

■ 61, 31.875,
296.174

■ 71, 31.875,
296.174

■ 81, 31.875,

296.174

■ 91, 31.875,
296.174

■ 11, 31.875,
296.174

■ 11, 31.875,
296.174

■ 9, 36.773, 298.517

■ 13, 27.032,
293.964

■ 7, 41.306, 300.437

■ 16, 22.320,
291.955

■ 6, 43.885, 300.895

■ 18, 17.764,
290.171

■ 21, 13.362,
288.610

■ 24, 9.106, 287.253

■ 26, 4.984, 286.077

■ 29, 0.989, 285.096

■ 31, 2.889, 104.129

■ 34, 6.657, 103.358

Harmonies

Complementary

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



11, 31.875, 296.174



26, 27.258, 97.822

Rectangle

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



11, 31.875, 296.174



11, 31.875, 346.174



11, 31.875, 116.174



11, 31.875, 166.174

Sweetspot

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



11, 31.875, 296.175



31, 11.030, 287.299



26, 18.340, 182.611



14, 7.488, 287.438



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



11, 31.875, 296.175



12, 48.362, 300.390



11, 36.042, 308.612



13, 2.272, 285.668



10, 60.464, 303.339



30, 116.157, 304.798

Inverse Universe

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



14, 26.095, 20.117



18, 38.438, 26.121



27, 31.497, 121.289



13, 1.821, 10.077



19, 47.046, 30.663



47, 90.339, 35.399

Previews

White Background



This preview shows how the CIELCh color 11, 31.875, 296.174 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 11, 31.875, 296.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

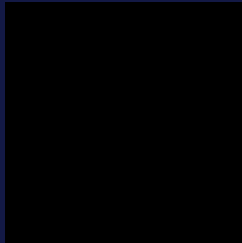
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 31.875, 296.174

Background



This preview shows how black text looks on a background with the CIELCh color 11, 31.875, 296.174.



This preview shows how white text looks on a background with the CIELCh color 11, 31.875, 296.174.

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

11, 31.875, 296.174

Protanopia

11, 23.923, 279.729

Deuteranopia

11, 17.680, 265.353



Tritanopia
11, 12.007, 207.326

Trichromacy



Original Color
11, 31.875, 296.174

Protanomaly
11, 26.410, 286.440

Deuteranomaly
11, 22.290, 281.270

Tritanomaly
10, 14.642, 264.257

Monochromacy



Original Color
11, 31.875, 296.174

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 11.792, 289.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 31.875, 296.174 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(19, 25, 69)` looks like.

```
.text, #text, p{  
    color:rgb(19, 25, 69)  
}
```

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(19, 25, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 25, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 31.875, 296.174 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(19, 25, 69) }
```

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

```
.border{ border-color:rgb(19, 25, 69) }
```

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

Here you see how a box with a 4 pixel rgb(19, 25, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 25, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 25, 69);  
box-shadow:4px 4px 4px 4px rgb(19, 25, 69)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 11, 31.875, 296.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 25, 69) }
```

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

```
.background{ background-color: rgb(19, 25,  
69) }
```

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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