

Converting Colors

CIELCh(11, 20.499, 297.258)

Have a look what the booklet for
CIELCh(11, 20.499, 297.258)
contains.

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Color

CIELCh(11, 20.499, 297.258)

Conversions

Conversions Part 1

Format	Color
Hex	1B1A36
RGB	27, 26, 54
RGB Percent	11%, 10%, 21%
CMY	0.8927, 0.8968, 0.7868
CMYK	0.50, 0.52, 0.00, 0.79
HSL	242°, 35%, 16%
HSV	242°, 52%, 21%
XYZ	1.5126, 1.2610, 3.6990
YIQ	29.4910, -8.3920, 8.9200

Conversions

Conversions Part 2

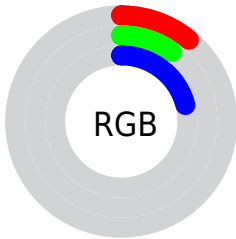
Format	Color
R_{YB}	27, 26, 54
Decimal	1776182
CIE Lab	11.00, 9.39, -18.22
CIE LCh	11, 20.499, 297.258
Yxy	1.2610, 0.2337, 0.1948
Android (android.graphics.Color)	4279966262 (0xFF1B1A36)
YUV	29.4910, 12.0829, -2.1846
Hunter-Lab	11.2295, 4.3930, -11.6694

Details

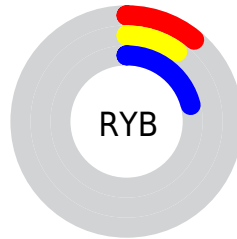
The CIELCh color **11, 20.499, 297.258** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **22, 18.260, 107.698**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **31, 20.496, 296.902**, and **0, 2.420, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **9, 24.893, 298.813**, and if you desaturate by 10%, it is **13, 16.232, 295.857**.

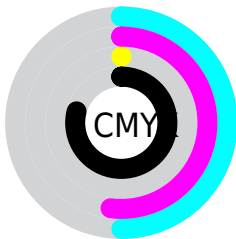
Distribution



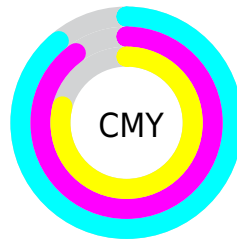
- Red (11%)
- Green (10%)
- Blue (21%)



- Red (11%)
- Yellow (10%)
- Blue (21%)



- Cyan (50%)
- Magenta (52%)
- Yellow (0%)
- Black (79%)



- Cyan (89%)
- Magenta (90%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 20.499, 297.258 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, 20.499, 297.258 by changing the saturation by 10% instead.

■ 11, 20.499,
297.258

■ 11, 20.499,
297.258

■ 100, 20.499,
297.258

■ 1, 20.499, 297.258

■ 31, 20.499,
297.258

■ 0, 20.499, 297.258

■ 41, 20.499,
297.258

■ 51, 20.499,
297.258

■ 61, 20.499,
297.258

■ 71, 20.499,
297.258

■ 81, 20.499,

297.258

■ 91, 20.499,
297.258

■ 11, 20.499,
297.258

■ 11, 20.499,
297.258

■ 9, 24.893, 298.813

■ 13, 16.232,
295.857

■ 7, 29.081, 300.057

■ 16, 12.108,
294.617

■ 5, 32.113, 300.007

■ 4, 34.505, 299.456

■ 18, 8.129, 293.529

■ 3, 36.476, 298.937

■ 20, 4.288, 292.581

■ 22, 0.578, 291.783

■ 25, 3.011, 111.020

■ 27, 6.486, 110.393

■ 29, 9.853, 109.843

■ 31, 13.120,
109.360

Harmonies

Complementary

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



11, 20.499, 297.258



22, 18.260, 107.698

Rectangle

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



11, 20.499, 297.258



11, 20.499, 347.258



11, 20.499, 117.258



11, 20.499, 167.258

Sweetspot

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



11, 20.499, 297.258



26, 7.029, 292.963



20, 10.701, 200.884



11, 4.703, 293.008



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



11, 20.499, 297.258



13, 31.664, 299.406



13, 21.065, 312.328



9, 2.096, 292.306



7, 63.057, 306.460



27, 119.238, 306.375

Inverse Universe

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



14, 22.218, 327.824



18, 32.690, 328.379



21, 19.871, 128.197



9, 2.473, 325.805



20, 53.331, 329.646



52, 100.161, 329.769

Previews

White Background



This preview shows how the CIELCh color 11, 20.499, 297.258 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

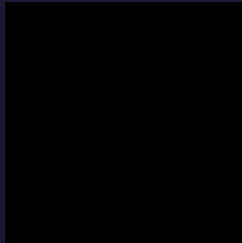
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 20.499, 297.258

Background



This preview shows how black text looks on a background with the CIELCh color 11, 20.499, 297.258.



This preview shows how white text looks on a background with the CIELCh color 11, 20.499, 297.258.

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

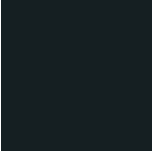
11, 20.499, 297.258

Protanopia

11, 20.657, 283.373

Deuteranopia

11, 17.907, 270.589



Tritanopia
11, 4.950, 224.895

Trichromacy



Original Color
11, 20.499, 297.258

Protanomaly
11, 20.509, 287.941

Deuteranomaly
11, 18.039, 278.254

Tritanomaly
11, 9.059, 276.740

Monochromacy



Original Color
11, 20.499, 297.258

Achromatopsia
11, 0.003, 296.813

Achromatomaly
11, 7.315, 292.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 20.499, 297.258 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(27, 26, 54)` looks like.

```
.text, #text, p{  
    color:rgb(27, 26, 54)  
}
```

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(27, 26, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 26, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 20.499, 297.258 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(27, 26, 54) }
```

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

```
.border{ border-color:rgb(27, 26, 54) }
```

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

Here you see how a box with a 4 pixel rgb(27, 26, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 26, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 26, 54);  
box-shadow:4px 4px 4px 4px rgb(27, 26, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 11, 20.499, 297.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 26, 54) }
```

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

```
.background{ background-color: rgb(27, 26,  
54) }
```

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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