

Converting Colors

CIELCh(21, 19.452, 283.555)

Have a look what the booklet for
CIELCh(21, 19.452, 283.555)
contains.

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Color

CIELCh(21, 19.127, 282.705)

Conversions

Conversions Part 1

Format	Color
Hex	27324E
RGB	39, 50, 78
RGB Percent	15%, 20%, 31%
CMY	0.8477, 0.8045, 0.6947
CMYK	0.50, 0.36, 0.00, 0.69
HSL	223°, 33%, 23%
HSV	223°, 50%, 31%
XYZ	3.3350, 3.2451, 7.6290
YIQ	49.9030, -15.5440, 6.3760

Conversions

Conversions Part 2

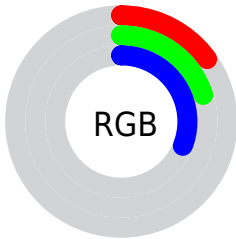
Format	Color
R_{YB}	39, 48, 78
Decimal	2568782
CIE _{Lab}	21.00, 4.21, -18.66
CIE _{LCh}	21, 19.127, 282.705
Yxy	3.2451, 0.2347, 0.2284
Android (android.graphics.Color)	4280758862 (0xFF27324E)
YUV	49.9030, 13.8518, -9.5619
Hunter-Lab	18.0142, 1.5206, -12.4994

Details

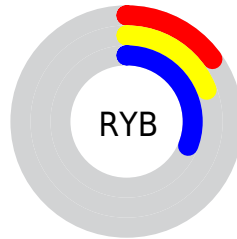
The CIELCh color **21, 19.127, 282.705** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **29, 18.692, 89.215**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **41, 19.028, 282.200**, and **2, 18.898, 288.925** is the 20% darker color. If you saturate the color by 10%, you get **19, 23.212, 284.982**, and if you desaturate by 10%, it is **23, 15.143, 280.710**.

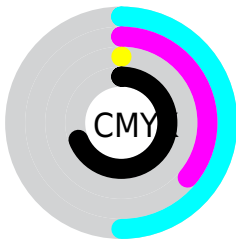
Distribution



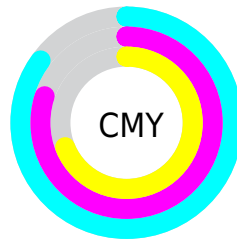
- Red (15%)
- Green (20%)
- Blue (31%)



- Red (15%)
- Yellow (19%)
- Blue (31%)



- Cyan (50%)
- Magenta (36%)
- Yellow (0%)
- Black (69%)



- Cyan (85%)
- Magenta (80%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 21, 19.127, 282.705 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 21, 19.127, 282.705 by changing the saturation by 10% instead.

■ 21, 19.127,
282.705

■ 21, 19.127,
282.705

■ 100, 19.127,
282.705

■ 11, 19.127,
282.705

■ 41, 19.127,
282.705

■ 1, 19.127, 282.705

■ 51, 19.127,
282.705

■ 0, 19.127, 282.705

■ 61, 19.127,
282.705

■ 71, 19.127,
282.705

■ 81, 19.127,
282.705

■ 91, 19.127,

282.705

■ 21, 19.127,
282.705

■ 21, 19.127,
282.705

■ 19, 23.212,
284.982

■ 23, 15.143,
280.710

■ 16, 27.410,
287.547

■ 26, 11.249,
278.975

■ 14, 31.725,
290.373

■ 28, 7.438, 277.470

■ 31, 3.702, 276.173

■ 12, 36.138,
293.353

■ 33, 0.039, 277.713

■ 10, 40.596,
295.895

■ 35, 3.555, 93.971

■ 38, 7.080, 93.105

■ 40, 10.539, 92.331

■ 43, 13.932, 91.642

Harmonies

Complementary

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



21, 19.127, 282.705



29, 18.692, 89.215

Rectangle

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



21, 19.127, 282.705



21, 19.127, 332.705



21, 19.127, 102.705



21, 19.127, 152.705

Sweetspot

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



21, 19.127, 282.705



39, 6.913, 276.858



30, 17.093, 172.371



18, 4.662, 277.002



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



21, 19.127, 282.705



25, 29.057, 285.511



18, 27.035, 302.662



14, 2.015, 276.001



15, 50.875, 297.265



37, 98.879, 299.656

Inverse Universe

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



21, 19.757, 3.044



26, 29.545, 5.413



31, 24.262, 115.674



14, 2.049, 357.858



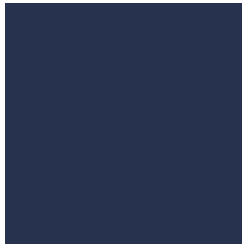
20, 44.320, 19.176



48, 82.130, 23.569

Previews

White Background



This preview shows how the CIE LCh color 21, 19.127, 282.705 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 21, 19.127, 282.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

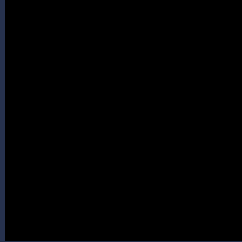
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 21, 19.127, 282.705

Background



This preview shows how black text looks on a background with the CIELCh color 21, 19.127, 282.705.



This preview shows how white text looks on a background with the CIELCh color 21, 19.127, 282.705.

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

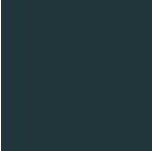
21, 19.127, 282.705

Protanopia

21, 19.076, 283.668

Deuteranopia

21, 19.239, 280.840



Tritanopia
21, 8.772, 216.060

Trichromacy



Original Color
21, 19.127, 282.705

Protanomaly
21, 19.076, 283.668

Deuteranomaly
21, 19.181, 281.762

Tritanomaly
21, 10.707, 254.490

Monochromacy



Original Color
21, 19.127, 282.705

Achromatopsia
21, 0.004, 296.813

Achromatomaly
21, 6.938, 277.547

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 21, 19.127, 282.705 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(39, 50, 78)` looks like.

```
.text, #text, p{  
    color:rgb(39, 50, 78)  
}
```

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(39, 50, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 50, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 19.127, 282.705 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(39, 50, 78) }
```

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

```
.border{ border-color:rgb(39, 50, 78) }
```

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

Here you see how a box with a 4 pixel rgb(39, 50, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 50, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 50, 78);  
box-shadow:4px 4px 4px 4px rgb(39, 50, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 21, 19.127, 282.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 50, 78) }
```

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

```
.background{ background-color: rgb(39, 50,  
78) }
```

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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