

Converting Colors

CIELCh(21, 39.577, 332.125)

Have a look what the booklet for
CIELCh(21, 39.577, 332.125)
contains.

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Color

CIELCh(21, 39.546, 332.164)

Conversions

Conversions Part 1

Format	Color
Hex	56194E
RGB	86, 25, 78
RGB Percent	34%, 10%, 31%
CMY	0.6619, 0.9011, 0.6934
CMYK	0.00, 0.71, 0.09, 0.66
HSL	308°, 55%, 22%
HSV	308°, 71%, 34%
XYZ	5.5908, 3.2451, 7.5756
YIQ	49.2810, 19.3430, 29.4150

Conversions

Conversions Part 2

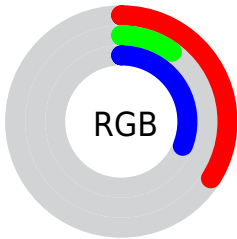
Format	Color
RYB	86, 25, 78
Decimal	5642574
CIELab	21.00, 34.97, -18.47
CIElCh	21, 39.546, 332.164
Yxy	3.2451, 0.3407, 0.1977
Android (android.graphics.Color)	4283832654 (0xFF56194E)
YUV	49.2810, 14.1585, 32.2026
Hunter-Lab	18.0142, 23.8730, -12.3235

Details

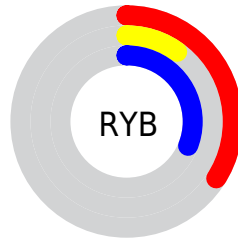
The CIELCh color **21, 39.546, 332.164** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **32, 40.411, 141.965**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **41, 39.389, 332.419**, and **5, 27.421, 334.320** is the 20% darker color. If you saturate the color by 10%, you get **20, 43.073, 332.711**, and if you desaturate by 10%, it is **23, 35.113, 331.614**.

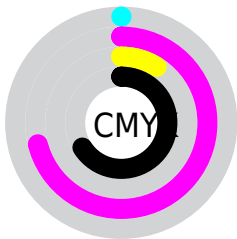
Distribution



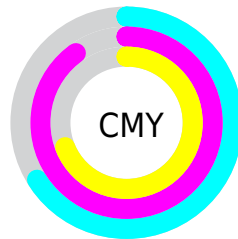
- Red (34%)
- Green (10%)
- Blue (31%)



- Red (34%)
- Yellow (10%)
- Blue (31%)



- Cyan (0%)
- Magenta (71%)
- Yellow (9%)
- Black (66%)





- Cyan (66%)
- Magenta (90%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 21, 39.546, 332.164 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, 39.546, 332.164 by changing the saturation by 10% instead.

 21, 39.546,
332.164


 21, 39.546,
332.164

 100, 39.546,
332.164


 11, 39.546,
332.164


 41, 39.546,
332.164


 1, 39.546, 332.164

 51, 39.546,
332.164

 0, 39.546, 332.164

 61, 39.546,
332.164

 71, 39.546,
332.164

 81, 39.546,
332.164

 91, 39.546,

332.164

■ 21, 39.546,
332.164

■ 21, 39.546,
332.164

■ 20, 43.073,
332.711

■ 23, 35.113,
331.614

■ 19, 45.568,
333.260

■ 25, 29.992,
331.056

■ 18, 47.690,
333.749

■ 27, 24.396,
330.493

■ 29, 18.513,
329.928

■ 31, 12.494,
329.364

■ 34, 6.448, 328.801

■ 36, 0.454, 327.938

■ 39, 5.437, 147.793

■ 42, 11.194,
147.274

Harmonies

Complementary

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



21, 39.546, 332.164



32, 40.411, 141.965

Rectangle

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



21, 39.546, 332.164



21, 39.546, 22.164



21, 39.546, 152.164



21, 39.546, 202.164

Sweetspot

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



21, 39.545, 332.164



41, 15.714, 329.417



14, 42.725, 302.857



19, 10.523, 329.505



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



21, 39.545, 332.164



26, 54.036, 333.100



20, 30.425, 359.968



16, 3.367, 328.688



23, 55.343, 333.926



54, 97.742, 334.367

Inverse Universe

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



21, 39.545, 332.164



26, 54.036, 333.100



32, 26.981, 162.705



16, 3.367, 328.688



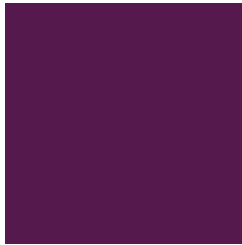
23, 55.343, 333.926



54, 97.742, 334.367

Previews

White Background



This preview shows how the CIELCh color 21, 39.546, 332.164 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 CIE LCh color 21, 39.546, 332.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

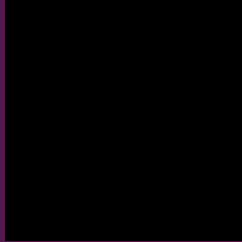
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 21, 39.546, 332.164

Background



This preview shows how black text looks on a background with the CIELCh color 21, 39.546, 332.164.



This preview shows how white text looks on a background with the CIELCh color 21, 39.546, 332.164.

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, 39.546, 332.164

Protanopia

22, 33.807, 285.729

Deuteranopia

21, 15.669, 282.584



Tritanopia
21, 22.723, 20.287

Trichromacy



Original Color
21, 39.546, 332.164

Protanomaly
20, 34.661, 300.186

Deuteranomaly
20, 24.027, 311.087

Tritanomaly
21, 26.348, 355.774

Monochromacy



Original Color
21, 39.546, 332.164

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 16.915, 330.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 21, 39.546, 332.164 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(86, 25, 78)` looks like.

```
.text, #text, p{  
    color:rgb(86, 25, 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(86, 25, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 25, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 39.546, 332.164 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(86, 25, 78) }
```

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

```
.border{ border-color:rgb(86, 25, 78) }
```

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

Here you see how a box with a 4 pixel rgb(86, 25, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 25, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 25, 78);  
box-shadow:4px 4px 4px 4px rgb(86, 25, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 21, 39.546, 332.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 25, 78) }
```

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

```
.background{ background-color: rgb(86, 25,  
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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