

Converting Colors

CIELCh(21, 44.180, 338.654)

Have a look what the booklet for
CIELCh(21, 44.180, 338.654)
contains.

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Color

CIELCh(21, 44.097, 338.567)

Conversions

Conversions Part 1

Format	Color
Hex	5F0E4B
RGB	95, 14, 75
RGB Percent	37%, 5%, 29%
CMY	0.6278, 0.9456, 0.7062
CMYK	0.00, 0.85, 0.21, 0.63
HSL	315°, 74%, 21%
HSV	315°, 85%, 37%
XYZ	6.1315, 3.2451, 6.9442
YIQ	45.1730, 28.6950, 36.1430

Conversions

Conversions Part 2

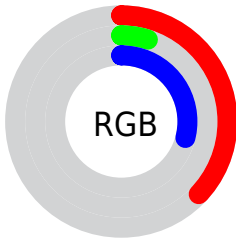
Format	Color
RYB	95, 14, 75
Decimal	6229579
CIELab	21.00, 41.05, -16.11
CIELCh	21, 44.097, 338.567
Yxy	3.2451, 0.3757, 0.1988
Android (android.graphics.Color)	4284419659 (0xFF5F0E4B)
YUV	45.1730, 14.7047, 43.6983
Hunter-Lab	18.0142, 29.2313, -10.2453

Details

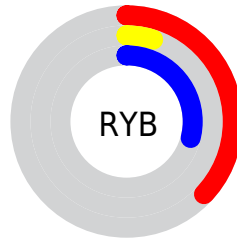
The CIELCh color **21, 44.097, 338.567** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **35, 46.512, 143.126**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **41, 43.935, 338.442**, and **6, 27.909, 343.699** is the 20% darker color. If you saturate the color by 10%, you get **20, 46.021, 339.642**, and if you desaturate by 10%, it is **22, 41.211, 337.592**.

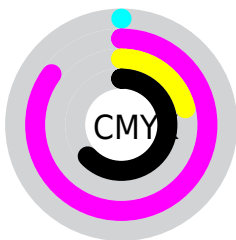
Distribution



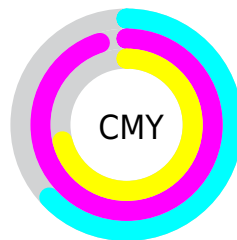
- Red (37%)
- Green (5%)
- Blue (29%)



- Red (37%)
- Yellow (5%)
- Blue (29%)



- Cyan (0%)
- Magenta (85%)
- Yellow (21%)
- Black (63%)




- Cyan (63%)
- Magenta (95%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 21, 44.097, 338.567 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, 44.097, 338.567 by changing the saturation by 10% instead.

 21, 44.097,
338.567


 21, 44.097,
338.567

 100, 44.097,
338.567

 11, 44.097,
338.567

 41, 44.097,
338.567

 1, 44.097, 338.567

 51, 44.097,
338.567

 0, 44.097, 338.567

 61, 44.097,
338.567

 71, 44.097,
338.567

 81, 44.097,
338.567

 91, 44.097,

338.567

■ 21, 44.097,
338.567

■ 21, 44.097,
338.567

■ 20, 46.021,
339.642

■ 22, 41.211,
337.592

■ 20, 46.927,
340.121

■ 24, 37.255,
336.719

■ 26, 32.451,
335.918

■ 28, 27.045,
335.169

■ 31, 21.259,
334.460

■ 33, 15.273,
333.783

■ 36, 9.224, 333.131

■ 39, 3.205, 332.478

■ 42, 2.720, 152.020

Harmonies

Complementary

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



21, 44.097, 338.567



35, 46.512, 143.126

Rectangle

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



21, 44.097, 338.567



21, 44.097, 28.567



21, 44.097, 158.567



21, 44.097, 208.567

Sweetspot

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



21, 44.095, 338.567



42, 19.296, 333.875



12, 55.128, 306.810



20, 12.957, 334.021



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



21, 44.095, 338.567



27, 55.911, 340.571



19, 37.704, 14.178



18, 3.409, 332.715



24, 52.623, 340.427



54, 91.035, 341.411

Inverse Universe

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



21, 44.095, 338.567



27, 55.911, 340.571



35, 29.417, 168.488



18, 3.409, 332.715



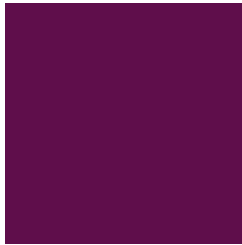
24, 52.623, 340.427



54, 91.035, 341.411

Previews

White Background



This preview shows how the CIE LCh color 21, 44.097, 338.567 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, 44.097, 338.567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

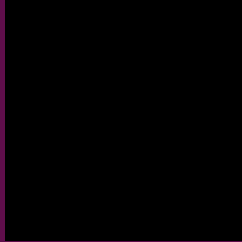
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 21, 44.097, 338.567

Background



This preview shows how black text looks on a background with the CIELCh color 21, 44.097, 338.567.



This preview shows how white text looks on a background with the CIELCh color 21, 44.097, 338.567.

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, 44.097, 338.567

Protanopia

22, 35.062, 285.568

Deuteranopia

22, 12.150, 285.303



Tritanopia
21, 30.343, 26.309

Trichromacy



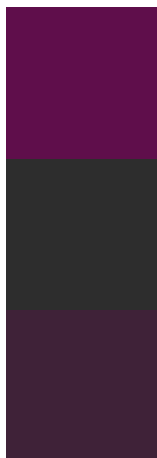
Original Color
21, 44.097, 338.567

Protanomaly
19, 37.510, 302.871

Deuteranomaly
20, 25.359, 320.460

Tritanomaly
21, 32.553, 3.719

Monochromacy



Original Color
21, 44.097, 338.567

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 19.638, 334.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 21, 44.097, 338.567 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(95, 14, 75)` looks like.

```
.text, #text, p{  
    color:rgb(95, 14, 75)  
}
```

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(95, 14, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 14, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 44.097, 338.567 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(95, 14, 75) }
```

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

```
.border{ border-color:rgb(95, 14, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 14, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 14, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 14, 75);  
box-shadow:4px 4px 4px 4px rgb(95, 14, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 21, 44.097, 338.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 14, 75) }
```

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

```
.background{ background-color: rgb(95, 14,  
75) }
```

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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