

Converting Colors

CIELCh(21, 42.347, 326.617)

Have a look what the booklet for
CIELCh(21, 42.347, 326.617)
contains.

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Color

CIELCh(21, 41.961, 326.501)

Conversions

Conversions Part 1

Format	Color
Hex	531A55
RGB	83, 26, 85
RGB Percent	33%, 10%, 33%
CMY	0.6741, 0.8976, 0.6663
CMYK	0.02, 0.69, 0.00, 0.67
HSL	298°, 53%, 22%
HSV	298°, 69%, 33%
XYZ	5.5926, 3.2451, 8.9477
YIQ	49.7690, 15.0330, 30.4330

Conversions

Conversions Part 2

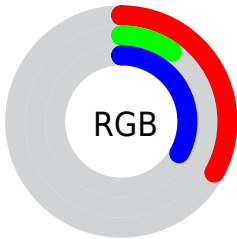
Format	Color
RYB	83, 26, 85
Decimal	5446229
CIELab	21.00, 34.99, -23.16
CIElCh	21, 41.961, 326.501
Yxy	3.2451, 0.3144, 0.1825
Android (android.graphics.Color)	4283636309 (0xFF531A55)
YUV	49.7690, 17.3689, 29.1436
Hunter-Lab	18.0142, 23.8910, -16.8396

Details

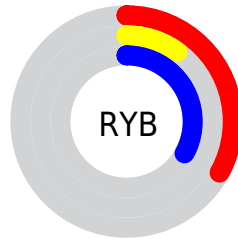
The CIELCh color **21, 41.961, 326.501** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **31, 42.344, 138.288**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **41, 41.745, 326.715**, and **5, 30.049, 325.884** is the 20% darker color. If you saturate the color by 10%, you get **20, 46.067, 326.734**, and if you desaturate by 10%, it is **23, 36.983, 326.189**.

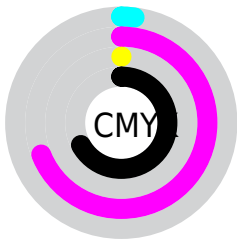
Distribution



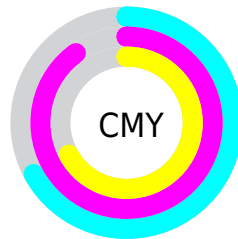
- Red (33%)
- Green (10%)
- Blue (33%)



- Red (33%)
- Yellow (10%)
- Blue (33%)



- Cyan (2%)
- Magenta (69%)
- Yellow (0%)
- Black (67%)





- Cyan (67%)
- Magenta (90%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 21, 41.961, 326.501 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, 41.961, 326.501 by changing the saturation by 10% instead.

 21, 41.961,
326.501


 21, 41.961,
326.501

 100, 41.961,
326.501


 11, 41.961,
326.501


 41, 41.961,
326.501


 1, 41.961, 326.501

 51, 41.961,
326.501

 0, 41.961, 326.501

 61, 41.961,
326.501

 71, 41.961,
326.501

 81, 41.961,
326.501

 91, 41.961,

326.501

■ 21, 41.961,
326.501

■ 21, 41.961,
326.501

■ 20, 46.067,
326.734

■ 23, 36.983,
326.189

■ 19, 49.138,
326.876

■ 25, 31.349,
325.814

■ 18, 51.878,
326.994

■ 27, 25.268,
325.390

■ 18, 52.072,
327.003

■ 29, 18.922,
324.933

■ 31, 12.458,
324.456

■ 34, 5.982, 323.963

■ 36, 0.429, 143.823

■ 39, 6.725, 143.059

■ 42, 12.876,
142.596

Harmonies

Complementary

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



21, 41.961, 326.501



31, 42.344, 138.288

Rectangle

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



21, 41.961, 326.501



21, 41.961, 16.501



21, 41.961, 146.501



21, 41.961, 196.501

Sweetspot

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



21, 41.960, 326.501



40, 16.702, 324.570



14, 39.355, 298.699



19, 11.399, 324.647



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, 41.960, 326.501



26, 57.477, 326.836



20, 31.635, 348.086



16, 3.647, 323.937



24, 61.129, 326.966



54, 108.680, 326.882

Inverse Universe

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



19, 30.647, 26.145



23, 45.627, 31.330



32, 30.642, 153.864



16, 2.128, 17.071



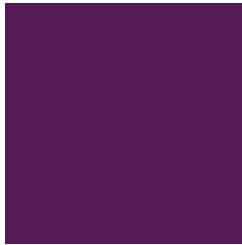
21, 51.905, 35.239



49, 96.829, 38.981

Previews

White Background



This preview shows how the CIE LCh color 21, 41.961, 326.501 looks on a white background.

Color Contrast Check

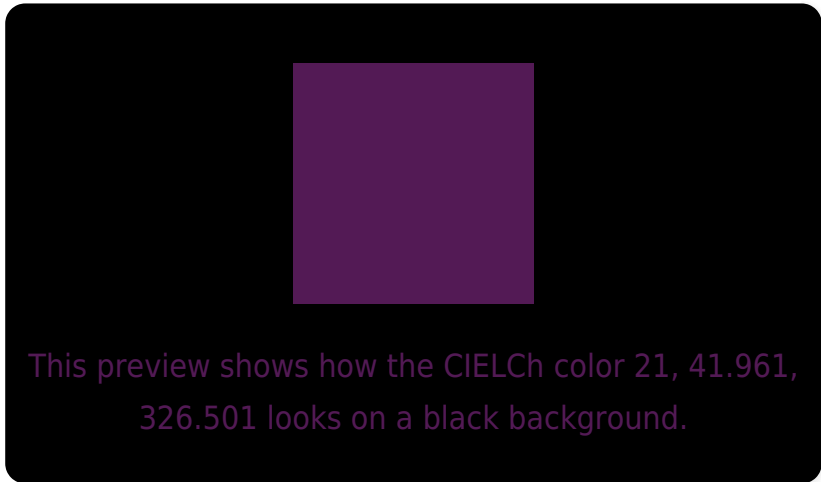
Large Text (above 18pt) WCAG AA ✓ Pass

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

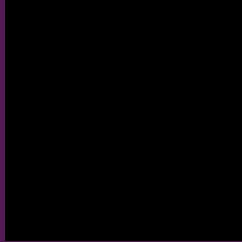
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 21, 41.961, 326.501

Background



This preview shows how black text looks on a background with the CIELCh color 21, 41.961, 326.501.



This preview shows how white text looks on a background with the CIELCh color 21, 41.961, 326.501.

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, 41.961, 326.501

Protanopia

21, 38.017, 284.265

Deuteranopia

22, 19.959, 278.713



Tritanopia
21, 19.048, 18.146

Trichromacy



Original Color
21, 41.961, 326.501

Protanomaly
19, 38.779, 294.467

Deuteranomaly
20, 26.759, 303.647

Tritanomaly
21, 24.712, 348.494

Monochromacy



Original Color
21, 41.961, 326.501

Achromatopsia
21, 0.004, 296.813

Achromatomaly
20, 17.477, 324.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 21, 41.961, 326.501 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(83, 26, 85)` looks like.

```
.text, #text, p{  
    color:rgb(83, 26, 85)  
}
```

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(83, 26, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 26, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 41.961, 326.501 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(83, 26, 85) }
```

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

```
.border{ border-color:rgb(83, 26, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 26, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 26, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 26, 85);  
box-shadow:4px 4px 4px 4px rgb(83, 26, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 21, 41.961, 326.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 26, 85) }
```

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

```
.background{ background-color: rgb(83, 26,  
85) }
```

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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