

Converting Colors

CIELCh(25, 20.660, 349.371)

Have a look what the booklet for
CIELCh(25, 20.660, 349.371)
contains.

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Color

CIELCh(25, 21.108, 348.605)

Conversions

Conversions Part 1

Format	Color
Hex	562F42
RGB	86, 47, 66
RGB Percent	34%, 18%, 26%
CMY	0.6624, 0.8154, 0.7409
CMYK	0.00, 0.45, 0.23, 0.66
HSL	331°, 29%, 26%
HSV	331°, 45%, 34%
XYZ	5.8503, 4.4155, 5.7098
YIQ	60.8270, 17.1450, 14.1770

Conversions

Conversions Part 2

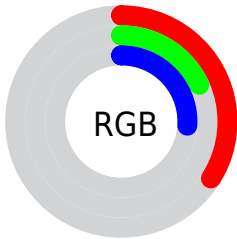
Format	Color
R_{YB}	86, 47, 66
Decimal	5648194
CIE _{Lab}	25.00, 20.69, -4.17
CIE _{LCh}	25, 21.108, 348.605
Yxy	4.4155, 0.3662, 0.2764
Android (android.graphics.Color)	4283838274 (0xFF562F42)
YUV	60.8270, 2.5503, 22.0767
Hunter-Lab	21.0130, 12.9236, -1.4015

Details

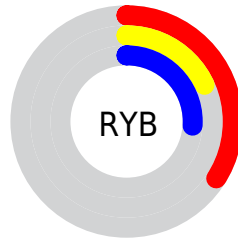
The CIELCh color $25, 21.108, 348.605$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $33, 20.032, 160.178$, and the grayscale version is $26, 0.004, 296.813$.

A 20% lighter version of the original color is $45, 21.180, 348.520$, and $5, 21.432, 348.212$ is the 20% darker color. If you saturate the color by 10%, you get $23, 25.519, 349.935$, and if you desaturate by 10%, it is $27, 16.472, 347.458$.

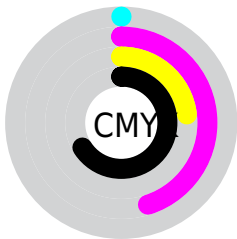
Distribution



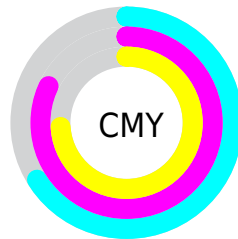
- Red (34%)
- Green (18%)
- Blue (26%)



- Red (34%)
- Yellow (18%)
- Blue (26%)



- Cyan (0%)
- Magenta (45%)
- Yellow (23%)
- Black (66%)





- Cyan (66%)
- Magenta (82%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 21.108, 348.605 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 25, 21.108, 348.605 by changing the saturation by 10% instead.

 25, 21.108,
348.605


 25, 21.108,
348.605

 100, 21.108,
348.605


 15, 21.108,
348.605


 45, 21.108,
348.605


 5, 21.108, 348.605

 55, 21.108,
348.605

 0, 21.108, 348.605

 65, 21.108,
348.605

 75, 21.108,
348.605

 85, 21.108,
348.605

 95, 21.108,

348.605

■ 25, 21.108,
348.605

■ 25, 21.108,
348.605

■ 23, 25.519,
349.935

■ 27, 16.472,
347.458

■ 21, 29.534,
351.507

■ 30, 11.754,
346.447

■ 19, 32.947,
353.408

■ 32, 7.048, 345.535

■ 18, 35.567,
355.747

■ 35, 2.418, 344.663

■ 17, 37.584,
358.428

■ 38, 2.098, 164.121

■ 16, 38.624,
359.600

■ 43, 10.718,
162.726

■ 46, 14.814,
162.136

■ 49, 18.772,
161.590

Harmonies

Complementary

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



25, 21.108, 348.605



33, 20.032, 160.178

Rectangle

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



25, 21.108, 348.605



25, 21.108, 38.605



25, 21.108, 168.605



25, 21.108, 218.605

Sweetspot

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



25, 21.107, 348.606



43, 8.012, 345.462



23, 27.011, 311.156



20, 5.479, 345.580



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



25, 21.107, 348.606



31, 30.980, 350.009



24, 19.412, 23.560



16, 2.572, 344.973



22, 44.855, 0.859



50, 79.361, 3.979

Inverse Universe

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



25, 21.107, 348.606



31, 30.980, 350.009



34, 14.441, 197.458



16, 2.572, 344.973



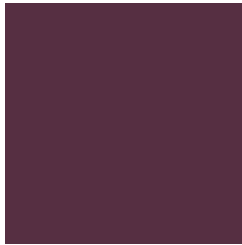
22, 44.855, 0.859



50, 79.361, 3.979

Previews

White Background



This preview shows how the CIE LCh color 25, 21.108, 348.605 looks on a white background.

Color Contrast Check

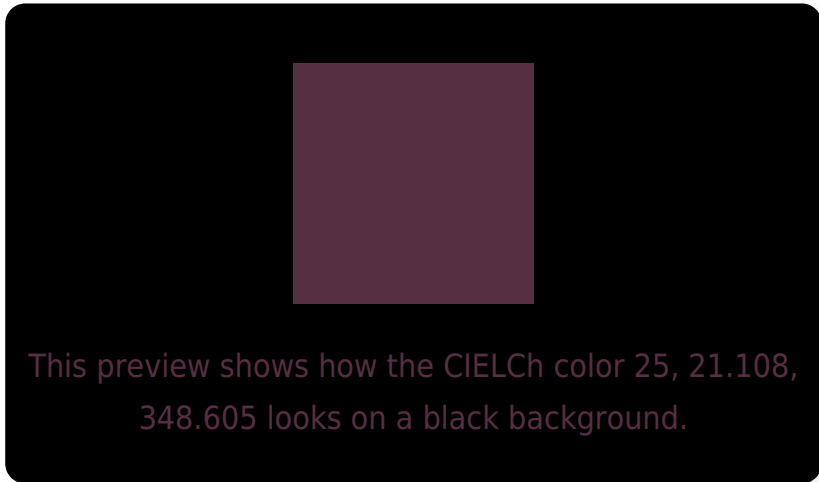
Large Text (above 18pt) WCAG AA ✓ Pass

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

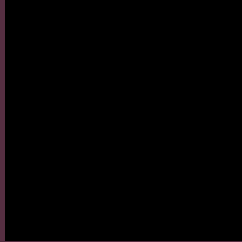
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 21.108, 348.605

Background



This preview shows how black text looks on a background with the CIELCh color 25, 21.108, 348.605.



This preview shows how white text looks on a background with the CIELCh color 25, 21.108, 348.605.

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
25, 21.108, 348.605

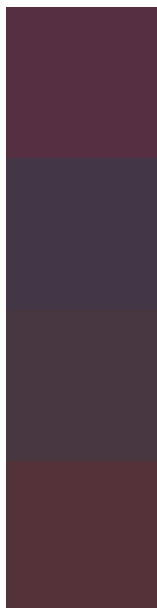
Protanopia
25, 9.927, 285.147

Deuteranopia
25, 4.797, 324.866



Tritanopia
25, 16.998, 16.502

Trichromacy



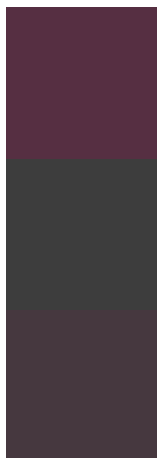
Original Color
25, 21.108, 348.605

Protanomaly
25, 11.802, 318.153

Deuteranomaly
25, 10.844, 339.856

Tritanomaly
25, 17.742, 4.251

Monochromacy



Original Color
25, 21.108, 348.605

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 7.848, 345.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 21.108, 348.605 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, 47, 66)` looks like.

```
.text, #text, p{  
    color:rgb(86, 47, 66)  
}
```

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, 47, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 47, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 21.108, 348.605 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, 47, 66) }
```

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

```
.border{ border-color:rgb(86, 47, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 47, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 47, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 47, 66);  
box-shadow:4px 4px 4px 4px rgb(86, 47, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 21.108, 348.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 47, 66) }
```

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

```
.background{ background-color: rgb(86, 47,  
66) }
```

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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