

Converting Colors

CIELCh(65, 55.166, 281.264)

Have a look what the booklet for
CIELCh(65, 55.166, 281.264)
contains.

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Color

CIELCh(65, 55.237, 281.332)

Conversions

Conversions Part 1

Format	Color
Hex	669DFF
RGB	102, 157, 255
RGB Percent	40%, 62%, 100%
CMY	0.6011, 0.3852, 0.0010
CMYK	0.60, 0.38, 0.00, 0.00
HSL	218°, 100%, 70%
HSV	218°, 60%, 100%
XYZ	35.4736, 34.0472, 99.0911
YIQ	151.7270, -64.2380, 18.8180

Conversions

Conversions Part 2

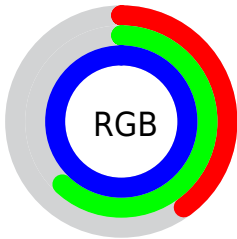
Format	Color
RYB	102, 142, 255
Decimal	6725119
CIELab	65.00, 10.85, -54.16
CIELCh	65, 55.237, 281.332
Yxy	34.0472, 0.2104, 0.2019
Android (android.graphics.Color)	4284915199 (0xFF669DFF)
YUV	151.7270, 50.9136, -43.6106
Hunter-Lab	58.3500, 6.4060, -59.8425

Details

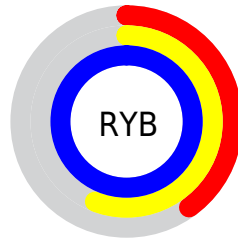
The CIELCh color **65, 55.237, 281.332** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **84, 56.315, 80.681**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 26.987, 259.024**, and **45, 55.608, 281.615** is the 20% darker color. If you saturate the color by 10%, you get **60, 65.012, 284.648**, and if you desaturate by 10%, it is **71, 45.687, 278.411**.

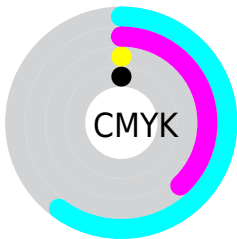
Distribution



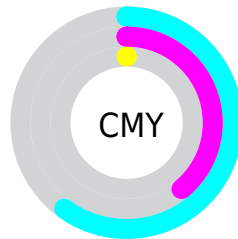
- Red (40%)
- Green (62%)
- Blue (100%)



- Red (40%)
- Yellow (56%)
- Blue (100%)



- Cyan (60%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (60%)
- Magenta (39%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 55.237, 281.332 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 65, 55.237, 281.332 by changing the saturation by 10% instead.


 65, 55.237,
281.332


 65, 55.237,
281.332


 100, 55.237,
281.332


 55, 55.237,
281.332


 85, 55.237,
281.332

 45, 55.237,
281.332

 95, 55.237,
281.332

 35, 55.237,
281.332

 25, 55.237,
281.332

 15, 55.237,
281.332

 5, 55.237, 281.332

 0, 55.237, 281.332

■ 65, 55.237,
281.332

■ 65, 55.237,
281.332

■ 60, 65.012,
284.648

■ 71, 45.687,
278.411

■ 54, 75.054,
288.291

■ 76, 36.313,
275.887

■ 50, 85.333,
292.115

■ 82, 27.078,
273.730

■ 45, 95.605,
295.815

■ 88, 17.963,
271.894

■ 94, 8.960, 270.342

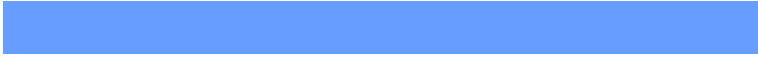
100, 0.070,
273.455

100, 0.120,
109.523

Harmonies

Complementary

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



65, 55.237, 281.332



84, 56.315, 80.681

Rectangle

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



65, 55.237, 281.332



65, 55.237, 331.332



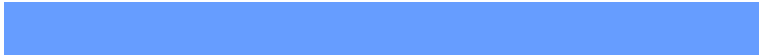
65, 55.237, 101.332



65, 55.237, 151.332

Sweetspot

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



65, 55.236, 281.333



89, 16.106, 271.551



91, 55.481, 164.448



46, 11.211, 272.038



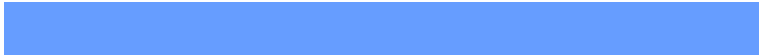
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 55.236, 281.333



59, 66.987, 285.331



53, 87.549, 302.547



50, 5.063, 270.263



34, 75.663, 295.152



9, 30.349, 289.783

Inverse Universe

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



64, 62.952, 0.681



60, 72.855, 4.086



96, 73.763, 111.035



50, 5.849, 352.796



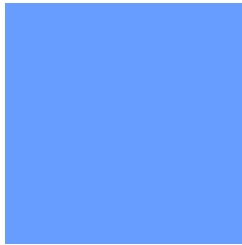
40, 69.010, 15.696



10, 31.294, 8.205

Previews

White Background



This preview shows how the CIE LCh color 65, 55.237, 281.332 looks on a white background.

Color Contrast Check

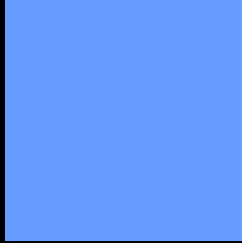
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 55.237, 281.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

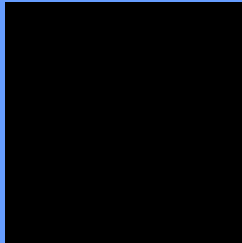
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

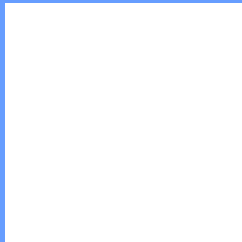
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 55.237, 281.332

Background



This preview shows how black text looks on a background with the CIELCh color 65, 55.237, 281.332.



This preview shows how white text looks on a background with the CIELCh color 65, 55.237, 281.332.

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
65, 55.237, 281.332

Protanopia
65, 54.694, 285.938

Deuteranopia
65, 54.869, 280.025



Tritanopia
65, 29.473, 212.679

Trichromacy



Original Color
65, 55.237, 281.332

Protanomaly
65, 54.866, 284.249

Deuteranomaly
65, 54.829, 280.221

Tritanomaly
65, 32.480, 247.591

Monochromacy



Original Color
65, 55.237, 281.332

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 20.994, 273.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 55.237, 281.332 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(102, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 157, 255)  
}
```

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(102, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 157, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 55.237, 281.332 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(102, 157, 255) }
```

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

```
.border{ border-color:rgb(102, 157, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 157, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 157, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 157, 255);  
box-shadow:4px 4px 4px 4px rgb(102, 157,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 55.237, 281.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 157, 255) }
```

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

```
.background{ background-color: rgb(102,  
157, 255) }
```

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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