

Converting Colors

CIELCh(92, 55.759, 116.133)

Have a look what the booklet for
CIELCh(92, 55.759, 116.133)
contains.

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Color

CIELCh(92, 55.771, 116.112)

Conversions

Conversions Part 1

Format	Color
Hex	DAF385
RGB	218, 243, 133
RGB Percent	85%, 95%, 52%
CMY	0.1451, 0.0470, 0.4784
CMYK	0.10, 0.00, 0.45, 0.05
HSL	74°, 82%, 74%
HSV	74°, 45%, 95%
XYZ	65.2016, 80.7044, 34.3332
YIQ	222.9850, 20.4100, -39.5100

Conversions

Conversions Part 2

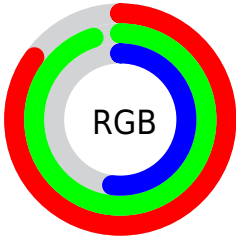
Format	Color
R_{YB}	133, 243, 158
Decimal	14349189
CIE _{Lab}	92.00, -24.55, 50.08
CIE _{LCh}	92, 55.771, 116.112
Yxy	80.7044, 0.3618, 0.4478
Android (android.graphics.Color)	4292539269 (0xFFDAF385)
YUV	222.9850, -44.3626, -4.3718
Hunter-Lab	89.8356, -27.6593, 40.2256

Details

The CIELCh color **92, 55.771, 116.112** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **62, 62.139, 303.019**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 33.700, 107.612**, and **72, 56.033, 116.242** is the 20% darker color. If you saturate the color by 10%, you get **91, 66.932, 115.592**, and if you desaturate by 10%, it is **93, 43.936, 116.725**.

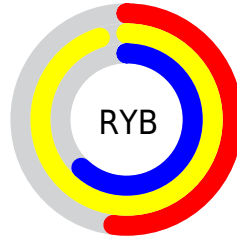
Distribution



Red (85%)

Green (95%)

Blue (52%)



Red (52%)

Yellow (95%)

Blue (62%)

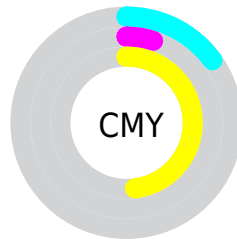


Cyan (10%)

Magenta (0%)

Yellow (45%)

Black (5%)



Cyan (15%)


Magenta (5%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 55.771, 116.112 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 92, 55.771, 116.112 by changing the saturation by 10% instead.


 92, 55.771,
116.112


 92, 55.771,
116.112


 100, 55.771,
116.112


 82, 55.771,
116.112

 72, 55.771,
116.112

 62, 55.771,
116.112


 52, 55.771,
116.112

 42, 55.771,
116.112


 32, 55.771,
116.112


 22, 55.771,


116.112

 12, 55.771,
116.112


 2, 55.771, 116.112


 92, 55.771,
116.112


 92, 55.771,
116.112


 91, 66.932,
115.592


 93, 43.936,
116.725

 91, 77.018,
115.226

 94, 31.692,
117.379

 90, 85.502,
115.103

 94, 19.219,
118.046

 90, 91.799,
115.326

 95, 6.633, 118.707

 96, 5.983, 299.337

■ 89, 95.533,
115.974

■ 97, 6.798, 315.225

■ 89, 96.642,
116.389

■ 97, 7.469, 324.660

Harmonies

Complementary

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



92, 55.771, 116.112



62, 62.139, 303.019

Rectangle

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



92, 55.771, 116.112



92, 55.771, 166.112



92, 55.771, 296.112



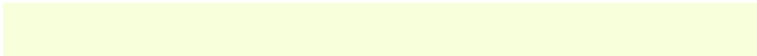
92, 55.771, 346.112

Sweetspot

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



92, 55.773, 116.114



99, 18.330, 118.128



73, 39.212, 41.160



52, 12.649, 117.984



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 55.773, 116.114



95, 68.159, 115.645



89, 62.993, 133.912



51, 7.203, 118.430



70, 79.044, 116.188



23, 33.948, 115.285

Inverse Universe

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



62, 62.139, 303.019



58, 78.079, 304.041



67, 64.961, 318.180



47, 7.351, 299.689



24, 103.677, 307.501



4, 40.595, 304.860

Previews

White Background



This preview shows how the CIELCh color 92, 55.771, 116.112 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 CIELCh color 92, 55.771, 116.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

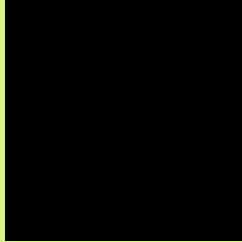
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 55.771, 116.112

Background



This preview shows how black text looks on a background with the CIELCh color 92, 55.771, 116.112.

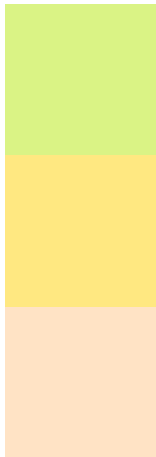


This preview shows how white text looks on a background with the CIELCh color 92, 55.771, 116.112.

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
92, 55.771, 116.112

Protanopia
92, 52.801, 95.585

Deuteranopia
92, 18.868, 74.364

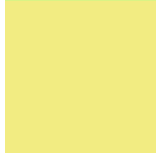


Tritanopia
92, 9.361, 295.151

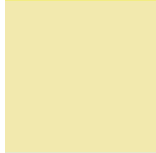
Trichromacy



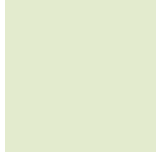
Original Color
92, 55.771, 116.112



Protanomaly
92, 53.198, 103.229



Deuteranomaly
92, 30.406, 101.082

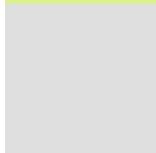


Tritanomaly
92, 15.226, 120.156

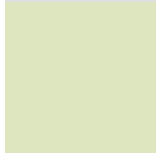
Monochromacy



Original Color
92, 55.771, 116.112



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 20.920, 117.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 55.771, 116.112 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(218, 243, 133)` looks like.

```
.text, #text, p{  
    color:rgb(218, 243, 133)  
}
```

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(218, 243, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 243, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 55.771, 116.112 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(218, 243, 133) }
```

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

```
.border{ border-color:rgb(218, 243, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 243, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 243, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 243, 133);  
box-shadow:4px 4px 4px 4px rgb(218, 243,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 55.771, 116.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 243, 133) }
```

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

```
.background{ background-color: rgb(218,  
243, 133) }
```

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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